SOUTH BURNETT
REGIONAL COUNCIL

AGENDA

Ordinary Council Meeting
Wednesday, 17 July 2024

I hereby give notice that an Ordinary Meeting of Council will be held on:

Date: **Wednesday, 17 July 2024**

Time: **9.00am**

Location: **Warren Truss Chamber**
45 Glendon Street
Kingaroy

Mark Pitt PSM

Chief Executive Officer

In accordance with the *Local Government Regulation 2012,* please be advised that all discussion held during the meeting is recorded for the purpose of verifying the minutes. This will include any discussion involving a Councillor, staff member or a member of the public.

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1 OPENING

2 LEAVE OF ABSENCE / APOLOGIES

3 PRAYERS

4 RECOGNITION OF TRADITIONAL OWNERS

5 DECLARATION OF INTEREST

6 DEPUTATIONS/PETITIONS

Nil

7 CONFIRMATION OF MINUTES OF PREVIOUS MEETING

7.1 MINUTES OF THE COUNCIL MEETING HELD ON 19 JUNE 2024

File Number: **17/07/2024**

Author: **Executive Assistant**

Authoriser: **Chief Executive Officer**

OFFICER'S RECOMMENDATION

That the Minutes of the Council Meeting held on 19 June 2024 be received and the recommendations therein be adopted.

ATTACHMENTS

1. Minutes of the Council Meeting held on 19 June 2024

SOUTH BURNETT
REGIONAL COUNCIL

MINUTES

Ordinary Council Meeting
Wednesday, 19 June 2024

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MINUTES OF SOUTH BURNETT REGIONAL COUNCIL
ORDINARY COUNCIL MEETING
HELD AT THE WARREN TRUSS CHAMBER, 45 GLENDON STREET, KINGAROY
ON WEDNESDAY, 19 JUNE 2024 AT 9.00AM

PRESENT: **Councillors:**

Mayor Kathy Duff, Cr Jane Erkens, Cr Linda Little, Cr Danita Potter, Cr Deb Dennien, Cr Heath Sander, Cr Ros Heit

Council Officers:

Mark Pitt (Chief Executive Officer), Susan Jarvis (General Manager Finance & Corporate), Aaron Meehan (General Manager Infrastructure), Leanne Petersen (Acting General Manager Liveability), James D'Arcy (Manager Infrastructure Planning), Leo Jensen (Acting Manager Environment & Planning), David Hursthouse (Coordinator Development Services), Mal Nearmy (Coordinator Waste Management), Rebecca Bayntun (Manager Corporate, Governance & Strategy), Rebecca Humphrey (Manager People & Culture), Jess Kerr (Principal Advisor People & Culture), Lynelle Paterson (Coordinator Executive Services), Helen Floyd (Executive Assistant)

1 OPENING

The Mayor declared the meeting open at 9.02am and welcomed all attendees.

2 LEAVE OF ABSENCE / APOLOGIES

Nil

3 PRAYERS

A representative of Kingaroy District Ministers Association, Pastor Andy Dunkin offered prayers for Council and for the conduct of the Council meeting.

4 ACKNOWLEDGEMENT OF TRADITIONAL OWNERS

Cr Sander acknowledged the traditional custodians of the land on which the meeting took place.

5 DECLARATION OF INTEREST

I, Cr Linda Little inform this meeting that I have a declarable conflict of interest in relation to **Item 10.2 – In-Kind Support – Baconfest 2024.**

This declarable conflict of interest arises because I am on the Baconfest Committee.

I propose to leave and stay away from the place where the meeting is being held while this matter is discussed and voted on.

I, Cr Jane Erkens inform this meeting that I have a declarable conflict of interest in relation to **Item 11.8 Quote SBRCQ-2023/24-15 Replace Grader 1509**.

This declarable conflict of interest arises due to a family member being an employee of Council.

I propose to leave and stay away from the place where the meeting is being held while this matter is discussed and voted on.

I, Cr Heath Sander inform this meeting that I have a declarable conflict of interest in relation to **Item 11.8 Quote SBRCQ-2023/24-15 Replace Grader 1509**.

This declarable conflict of interest arises due to a family member being an employee of Council.

I propose to leave and stay away from the place where the meeting is being held while this matter is discussed and voted on.

I, Cr Heath Sander inform this meeting that I have a prescribed conflict of interest in relation **Item 11.9 - Contractual arrangements entered into over $200,000 (ex Gst).**

This declarable conflict of interest arises because I also sit on the list of contracts with Council with my wife managing Bjelke-Petersen and Boondooma Dams.

I propose to leave and stay away from the place where the meeting is being held while this matter is discussed and voted on.

6 DEPUTATIONS/PETITIONS

6.1 DEPUTATION - BALLOGIE COMMUNITY

Representatives from the Ballogie Community Association Inc presented a development proposal to lease and develop Lot 50 CP868342 Wondai/Chinchilla Road Ballogie for the purpose of community sport, social and recreational gathering.

6.2 DEPUTATION/PETITION – MUSIC FESTIVALS - KATHRYN HAYES

RESOLUTION 2024/347

Moved: Mayor Kathy Duff
Seconded: Cr Danita Potter

That the Petition relating to all night music festivals being held at 1200 Stonelands Road Stonelands be received and referred to the Chief Executive Officer to determine the appropriate action and a report be brought back to Council.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

7 CONFIRMATION OF MINUTES OF PREVIOUS MEETING

7.1 MINUTES OF THE SPECIAL COUNCIL MEETING HELD ON 4 JUNE 2024

RESOLUTION 2024/348

Moved: Cr Ros Heit
Seconded: Cr Deb Dennien

That the Minutes of the Special Council Meeting held on 4 June 2024 be received and the recommendations therein be adopted

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

7.2 MINUTES OF THE COUNCIL MEETING HELD ON 15 MAY 2024

RESOLUTION 2024/349

Moved: Cr Linda Little
Seconded: Cr Ros Heit

That the Minutes of the Council Meeting held on 15 May 2024 be received and the recommendations therein be adopted

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

8 NOTICES OF MOTION

Nil

COUNCILLOR DIVISIONAL UPDATES

All Councillors provided a divisional update.

9 BUSINESS OUTSTANDING

9.1 BUSINESS OUTSTANDING TABLE FOR ORDINARY COUNCIL MEETING

RESOLUTION 2024/350

Moved: Cr Jane Erkens
Seconded: Cr Danita Potter

That the Business Outstanding table for the Ordinary Council Meeting be received for information.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

9.1.1 QUESTION ON NOTICE - MCU21/0017 – EXPANSION OF EXISTING PIGGERY AND ASSOCIATED INFRASTRUCTURE AT 536 AND 592 MORGANS ROAD WINDERA

Question on notice from Cr Potter:

Have the upgrades to the road commenced yet?

9.1.1 MEDIA RELEASE - COUNCIL STAFF AT HIVESVILLE FUN DAY

RESOLVED 2024/351

Media release to advise residents that Council Staff will be in attendance at the Hivesville Fun Day.

10 EXECUTIVE SERVICES

10.1 COUNCIL NOMINATE THE 2025 SPECIAL HOLIDAY

RESOLUTION 2024/352

Moved: Cr Heath Sander
Seconded: Cr Deb Dennien

That South Burnett Regional Council progress the Monday of the 2025 Royal National Exhibition, Brisbane – Monday 11 August 2025, as the 2025 Show Holiday for the South Burnett region and further, complete the 2025 Special Holiday request form and delegate to the Chief Executive Officer to submit via email prior to Friday 12 July 2024.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

Attendance
At 10.11am - Cr Linda Little having earlier informed the meeting of a declarable conflict of interest in Item 10.2 – In-Kind Support – BaconFest 2024 and her decision to voluntarily not participate in the decision on this matter, left the place at which the meeting was held, including any area for the public and stayed away while the matter was discussed and voted on.

At 10:14 am, Cr Danita Potter left the meeting.

At 10:17 am, Cr Danita Potter returned to the meeting.

10.2 IN-KIND SUPPORT - BACONFEST 2024

RESOLUTION 2024/353

Moved: Cr Jane Erkens
Seconded: Cr Danita Potter

That South Burnett Regional Council approve the requested in-kind assistance to the 2024 BaconFest listed below subject to available resources including assistance with the TMP to be prepared after Community Engagement with the surrounding and affected businesses:

- Glendon Street (Council side) closed from 6am Friday 16th August 2024 – (pending approval from business owners)
- Glendon Street (Café side) closed from 4pm Friday 16th August 2024
- Glendon Street Circular Place and SBRC rear carparks closed from 1pm Friday 16th August 2024 – subject to business consultation. Areas where stages are to be erected to be cordoned off with witches' hats from 6am Friday 16th August 2024 (one in each carpark).

- Closing of Alford Street from 4pm on Friday 16th August 2024.
- Re-open Alford and Glendon Street, Lard Lane and all carparks by midnight on Sunday 18th August 2024.
- SBRC office closed from 4pm Friday 16th August 2024
- Library closed Saturday 17th August 2024
- Cleaning and beautification of the Kingaroy CBD and surrounding parks and gardens in the lead up to the weekend of Kingaroy BaconFest.
- Cleaning of restrooms in Circular Place, Forecourt and Town hall x 3 on Saturday and x 3 on Sunday (BaconFest to cover the additional cleaning for Covid requirements). Please provide cleaning contract detail to BaconFest.
- Two x 10 cubic metre skip bin for cardboard to be delivered AM Friday 16th August 2024
- 40 x 240litre wheelie bins to be delivered AM Friday 16th August 2024. (BaconFest to hire an additional 60 x 240litre wheelie bins from JJ Richards) in bin drop off area.
- Garbage truck pick up at 1PM on Saturday 17th August 2024
- Garbage truck pick up at 6AM on Sunday 18th August 2024
- Garbage truck pick up at 6AM on Monday 19th August 2024
- Removal of the skip bin at 6 AM on Monday 19th August 2024
- Removal of the 40 x 240litre wheelie bins at 6 AM on Monday 19th August 2024
- Approval to put 'bacon signage' on 8 power poles (supported by Ergon Energy) from Thursday 1st to Tuesday 20th August 2024.
- Public notice for noise associated with the helicopter scenic rides – conducted on the land in Alford Street owned by PCA during Saturday 17th and Sunday 18th August 2024.
- Use of the Variable Message Sign for road closures and assistance with the design of the parking map.
- TMP
- 2 x Solar Lights for entrances

In Favour: Crs Kathy Duff, Jane Erkens, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 6/0

Attendance
At 10:21 am, Cr Linda Little returned to the meeting.

10.2.1 GRANTS AND DONATIONS POLICY WORKSHOP

RESOLUTION 2024/354

Moved: Mayor Kathy Duff
Seconded: Cr Jane Erkens

That Council hold a workshop early in the next financial year to review our Grants and Donations Policy in particular our signature events.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

10.2.2 QUESTION ON NOTICE - BACONFEST

Question on notice from Cr Heit:

How much did we spend on BaconFest this year?

ADJOURN MORNING TEA

RESOLUTION 2024/355

Moved: Cr Danita Potter
Seconded: Cr Heath Sander

That the meeting adjourn for morning tea.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

RESUME MEETING

RESOLUTION 2024/356

Moved: Cr Ros Heit
Seconded: Cr Linda Little

That the meeting resume at 11.19AM and as Mayor Duff was not present, Deputy Mayor Potter assumed the Chair.

In Favour: Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 6/0

11 FINANCE & CORPORATE

11.1 ADOPTION OF THE SOUTH BURNETT REGIONAL COUNCIL WATER RESTRICTIONS POLICY - STRATEGIC015

RESOLUTION 2024/357

Moved: Cr Jane Erkens
Seconded: Cr Deb Dennien

That the South Burnett Regional Council Water Restrictions Policy – Strategic015 be adopted as presented.

In Favour: Crs Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 6/0

11.2 ADOPTION OF THE SOUTH BURNETT REGIONAL COUNCIL CONTACT WITH A LOBBYIST POLICY - STATUTORY049

RESOLUTION 2024/358

Moved: Cr Ros Heit
Seconded: Cr Linda Little

That the South Burnett Regional Council Contact with a Lobbyist Policy – Statutory049 be adopted as presented.

In Favour: Crs Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 6/0

11.3 ADOPTION OF THE SOUTH BURNETT REGIONAL COUNCIL RELATED PARTY DISCLOSURE POLICY - STATUTORY057

RESOLUTION 2024/359

Moved: Cr Deb Dennien
Seconded: Cr Jane Erkens

That the South Burnett Regional Council Related Party Disclosure Policy – Statutory057 be adopted as presented.

In Favour: Crs Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 6/0

11.4 ADOPTION OF THE SOUTH BURNETT REGIONAL COUNCIL PROCUREMENT POLICY - STATUTORY007

RESOLUTION 2024/360

Moved: Cr Jane Erkens
Seconded: Cr Linda Little

That the South Burnett Regional Council Procurement Policy – Statutory007 be adopted as presented.

In Favour: Crs Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 6/0

11.5 MONTHLY FINANCIAL INFORMATION

RESOLUTION 2024/361

Moved: Cr Heath Sander
Seconded: Cr Deb Dennien

That the monthly Financial Report including Capital Works and Works for Queensland (W4Q4) as at 31st May 2024 be received and noted.

In Favour: Crs Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 6/0

Attendance
At 11.33am Rebecca Bayntun (Manager Corporate, Governance & Strategy) entered the meeting.

11.6 REGISTER OF FEES AND CHARGES SCHEDULE FOR 2024/2025

RESOLUTION 2024/362

Moved: Cr Ros Heit
Seconded: Cr Linda Little

That pursuant to Section 97(2) of the *Local Government Act 2009* the Register of Fees and Charges for the 2024/2025 year be adopted and are to take effect from 1 July 2024 as amended with Proston Railway Building - $10 per hour with the local discount to remain.

In Favour: Crs Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 6/0

11.7 QUOTE SBRCQ 2023/24-16 - REPLACE TRACTOR 4007

RESOLUTION 2024/363

Moved: Cr Deb Dennien
Seconded: Cr Heath Sander

That Council purchase from Sengs Sales and Service, one (1) Massey Ferguson 7S 145 for $212,175 excluding GST. The expected delivery date is approximately 4 weeks, this can change depending on units available at the time of order.

In Favour: Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 6/0

Attendance
At 11.46am Cr Jane Erkens and Cr Heath Sander having earlier informed the meeting of a declarable conflict of interest in Item 11.8 - Quote SBRCQ 2023/24-15 – Replace Grader 1509 and their decision to voluntarily not participate in the decision on this matter, left the place at which the meeting was held, including any area for the public and stayed away while the matter was discussed and voted on.

At 11.47am David Hursthouse (Coordinator Development Services) entered the meeting.

11.8 QUOTE SBRCQ 2023/24-15 - REPLACE GRADER 1509

RESOLUTION 2024/364

Moved: Cr Deb Dennien
Seconded: Cr Ros Heit

That Council purchase from RDO Equipment, one (1) John Deere JD 670GP for $724,909 excluding GST. The expected delivery date is approximately 6 weeks, noting this can change depending on units available at the time of order.

In Favour: Crs Linda Little, Danita Potter, Deb Dennien and Ros Heit

Against: Nil

CARRIED 4/0

Attendance
At 11:54 am, Cr Jane Erkens returned to the meeting.

11.9 CONTRACTUAL ARRANGEMENTS ENTERED IN TO OVER $200,000 (EX GST)

RESOLUTION 2024/365

Moved: Cr Ros Heit
Seconded: Cr Linda Little

That this report be received for information.

In Favour: Crs Jane Erkens, Linda Little, Danita Potter, Deb Dennien and Ros Heit

Against: Nil

CARRIED 5/0

Attendance
At 11:56 am, Cr Heath Sander returned to the meeting.

At 11.56 am Leo Jensen (Acting Manager Environment & Planning) entered the meeting.

12 INFRASTRUCTURE

12.1 2024 - 27 WORKS FOR QUEENSLAND (W4Q) PROGRAM

RESOLUTION 2024/366

Moved: Cr Deb Dennien
Seconded: Cr Linda Little

That Council endorse the submission of a list of nominated projects under the 2024-27 Works for Queensland Program for assessment by the Department of State Development, Infrastructure, Local Government and Planning under the following categories:

Row Labels	***Sum of Value***
Liveability Infrastructure Community Facilities	*$ 1,100,000*
Liveability Infrastructure Parks	*$ 1,555,303*
Organisational Excellence	*$ 420,000*
Transport Infrastructure Drainage	*$ 1,012,214*
Transport Infrastructure Kerb & Medians	*$ 1,517,169*
Transport Infrastructure Roads	*$ 2,045,314*
WWW Infrastructure	*$ 790,000*
Grand Total	***$ 8,440,000***

In Favour: Crs Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 6/0

Attendance
At 12.19pm Wendy Kruger (Executive Assistant) entered the meeting.
At 12.19pm Wendy Kruger (Executive Assistant) and Rebecca Bayntun (Manager Corporate, Governance & Strategy) left the meeting.

13 LIVEABILITY

13.1 NEGOTIATED DECISION REPORT FOR COMBINED APPLICATION FOR MATERIAL CHANGE (FUNCTION FACILITY AND FOOD & DRINK OUTLET) AND RECONFIGURATION OF A LOT (ACCESS EASEMENT) AT 20 FORK HILL DRIVE AND 80 & 89 WATERVIEW DRIVE MOFFATDALE (AND DESCRIBED AS LOT 1 ON RP903441, LOT 131 ON SP221464 & LOT 94 ON SP210658). APPLICANT: DUSTY JOE'S PTY LYD C/- JDBA CERTIFIERS

RESOLUTION 2024/367

Moved: Cr Deb Dennien
Seconded: Cr Linda Little

That Council resolves to:

1. Approve the Negotiated Decision Notice as amended (ENG21 and ENG22) for a Material Change of Use for Function Facility and Food & Drink Outlet – development permit and Reconfiguring a Lot for Access Easement – Development Permit at 20 Fork Hill Drive and 80

& 89 Waterview Drive MOFFATDALE (and described as Lot 1 on RP903441, Lot 131 on SP221464 and Lot 94 on SP210658) subject to the amended conditions package.

MATERIAL CHANGE OF USE – DEVELOPMENT PERMIT

GENERAL

GEN1. The development must be completed and maintained in accordance with the approved plans and documents and conditions to this development approval:

APPROVED PLANS

Plan No.	Issue	Sheet Name	Date	Prepared By
DA00	B	Coversheet – Perspective – Restaurant	29/05/2023	McLaren Design
DA01	B	Survey	29/05/2023	McLaren Design
DA02	B	Master Plan	29/05/2023	McLaren Design
DARD 04	B	Restaurant Floor Plan	29/05/2023	McLaren Design
DARD 05	B	Restaurant Mezzanine Floor Plan	29/05/2024	McLaren Design
DARD 06	B	Restaurant Dimension Plan	29/05/2023	McLaren Design
DARD 08	B	Restaurant Elevations	29/05/2023	McLaren Design
DARD 09	B	Elevations – Cellar Door & Tasting Room	29/05/2023	McLaren Design
DACP 00	B	Coversheet – Cooperage	06/12/2021	McLaren Design
DACP 01	B	Cooperage Floor Plan	06/12/2021	McLaren Design
DACP 02	B	Cooperage Elevations	06/12/2021	McLaren Design
DACP 03	B	Cooperage Elevations	06/12/2021	McLaren Design
DACH 00	B	Chapel Perspective	06/12/2021	McLaren Design
DACH 01	B	Chapel Floor Plan	06/12/2021	McLaren Design
DACH 02	B	Chapel Elevations	06/12/2021	McLaren Design
DACH 03	B	Chapel Elevations	06/12/2021	McLaren Design
DACF 00	B	Coversheet – Café	06/12/2021	McLaren Design
DACF 01	B	Café Floor Plan	06/12/2021	McLaren Design
DACF 02	B	Café Cellar Plan	06/12/2021	McLaren Design
DACF 03	B	Café Elevations	06/12/2021	McLaren Design
DACF 04	B	Café Elevations	06/12/2021	McLaren Design

GEN2. All works including the repair or relocation of services (Telstra/lighting) are to be completed at no cost to Council.

GEN3. The applicant is required to maintain the site in a clean and orderly state at all times.

GEN4. Any new earthworks or structures are not to concentrate or impede the natural flow of water across property boundaries and onto any other lots.

GEN5. Undertake appropriate measures to ensure that dust does not cause a nuisance to occupiers of adjacent properties.

GEN6. Provide documentary evidence of measures to be undertaken to manage fugitive dust emissions resulting from the development.

Timing: at all times/to be maintained.

GEN7. The approved development must comply with noise emissions prescribed under the ***Environmental Protection Act 1994*** and applicable (subordinate) legislation at all times ensuring that:

a) All relevant activities remain within obligated limits and do not produce *'unreasonable noise'* as defined by the act.
b) Noise emitted does not exceed any prescribed sound pressure level, and/or back ground levels (or any other matter deemed relevant to the emission of unwanted sound) as associated with applicable day, evening, or night time criteria under the act.
c) Nearby sensitive uses are not exposed to *unreasonable noise* from the approved development that is either a direct or indirect consequence of all onsite activity.

APPROVED USE

GEN8. The approved development is a material change of use for *'Food and Drink Outlet'* and *'Function Facility'* only, as shown on the approved plans referred to in this decision and does not imply approval for any other use.

ADDITIONAL DRAWINGS

GEN9. Prepare a landscape concept demonstrating appropriate landscape treatments in and around each of the structures referred to in approved drawings at condition GEN1 of this development permit.

Note: landscape treatments are not required for the entire site (only areas where work is approved).

HOURS OF OPERATION

GEN10. Hours of operations shall remain consistent with associated ongoing operations including ancillary/associated uses (6am to 12am (midnight)) and pursuant to the Environmental Protection Act 1994.

GEN11. Operation of refuse collection vehicles, service vehicles, and other related commercial vehicles (excluding emergency vehicles) must only occur between 7am & 7pm Monday to Saturday unless:

- otherwise amended by recommendations in an acoustic assessment report, or
- where currently operating in accordance with existing approval conditions and not varied as a consequence of this approval.

COMPLIANCE TIMING AND COSTS

GEN12. All conditions of the approval shall be complied with before the approval occurs (prior to commencement of the use) and while the use continues unless otherwise specified within these conditions.

MAINTENANCE

GEN13. The development (including landscaping, parking, driveways, and other external spaces) shall be maintained in accordance with the Approved Plans, subject to and modified by any conditions of this approval.

GEN14. Maintain the site in a clean and orderly state at all times.

PLANNING

MCU1. Carry out the development in accordance with approved drawings as referred to in this development permit.

MCU2. Maintain existing any existing development on site in accordance with previous approvals unless otherwise varied as a consequence of this development permit.

MCU3. Where relevant existing landscape features associated with previous approvals shall be varied as a consequence of this development permit.

MCU4. Amend services as necessary to accommodate development associated with this approval whilst ensuring all existing uses maintain operations in accordance with applicable laws and/or standards as required.

BUILDING HEIGHT

MCU5. The maximum building height is to be in accordance with approved elevations referred to in condition GEN1 of this development permit.

MCU6. Submit to Council certification from a registered Surveyor confirming that overall height is in accordance with the approved elevations referred to in condition GEN1 of this development permit.

Timing: Prior to issue of certificate of Classification/final Inspection Certificate, or prior to commencement of the use (whichever comes first).

EXTERNAL ARCHITECTURAL DETAILS

MCU7. External details of the building façade treatment and external materials, colours and must be consistent with the approved drawings referred to in condition GEN1 of this development permit.

SECURITY LIGHTING

MCU8. Install and maintain a suitable system of security lighting to operate from dusk till dawn within all areas where the public may gain access, including carparking areas, building entrances, and vegetated areas.

MCU9. Design of all external lighting in accordance with AS 4282-1997 *'Control of obtrusive effects of outdoor lighting',* ensuring that light spillage does not cause nuisance to sensitive uses.

LANDSCAPING

MCU10. Construct landscaping in accordance with the prepared landscape concept plan, the relevant council standards, best trade practise, and the following conditions:

- If the extent or configuration of landscaped areas has been marginally amended from the plan, then adjust plant numbers to ensure full coverage.

- Provide a 3-tier landscape structure to all landscape areas i.e. trees shrubs and ground covers.
- Maximise opportunities for stormwater infiltration into landscaped areas (where available).
- Maintain the landscape works generally in accordance with the detailed plans and to industry standards.

REFUSE STORAGE COLLECTION

MCU11. Any areas that are dedicated for the collection and/or storage of solid waste on the premises are to be:

- a) level.
- coated with an impervious hard stand surface.
- fitted with appropriate washdown and drainage connections, and
- screened.

ELECTRICITY/TELECOMMUNICATIONS

MCU12. The development is to be supplied with reticulated electricity and telecommunications services.

VISUAL AMENITY & REFLECTIVITY

MCU13. Façade treatments must not cause nuisance from glare and/or inappropriate reflectivity.

MCU14. Provide written confirmation from an appropriately qualified professional that construction materials do not generate unreasonable glare, or reflectivity.

CAR PARKING

MCU15. Car parking within the premises must be maintained exclusively for the use of this development.

CONTAMINATED LAND

MCU16. Undertake all necessary searches (at no cost to Council) and confirm that areas to be developed as part of this approval are not subject to contamination.

Timing: Prior to issue of a development permit for Building Work.

EGINEERING WORKS

ENG1. Complete all works approved and works required by conditions of this development approval and/or any related approvals at no cost to Council, prior to commencement of the use unless stated otherwise.

ENG2. Undertake Engineering designs and construction in accordance with the Planning Scheme, Council's standards, relevant design guides, and Australian Standards.

ENG3. Be responsible for the full cost of any alterations necessary to electricity, telephone, water mains, sewer mains, stormwater drainage systems or easements and/or other public utility installations resulting from the development or from road and drainage works required in connection with the development.

LOCATION, PROTECTION AND REPAIR OF DAMAGE TO COUNCIL AND PUBLIC UTILITY SERVICES INFRASTRUCTURE AND ASSETS

ENG4. Be responsible for the location and protection of any Council and public utility services infrastructure and assets that may be impacted on during construction of the development.

ENG5. Repair all damage incurred to Council and public utility services infrastructure and assets, as a result of the proposed development immediately should hazards exist for public health

and safety or vehicular safety. Otherwise, repair all damages immediately upon completion of works associated with the development.

STORMWATER MANAGEMENT

ENG6. Provide overland flow paths that do not adversely alter the characteristics of existing overland flows on other properties or that create an increase in flood damage on other properties.

ENG7. Ensure that adjoining properties and roadways are protected from ponding or nuisance from stormwater as a result of any site works undertaken as part of the proposed development.

ENG8. Discharge all minor storm flows that fall or pass onto the site to the lawful point of discharge in accordance with the Queensland Urban Drainage Manual (QUDM).

WATER SUPPLY

ENG9. Provide a suitable water supply for the development, and monitor water quality to ensure compliance with Australian Drinking Water Guidelines - current edition 2011 and EnHealth Guidance of use of Rainwater standards for potable water.

ON-SITE WASTEWATER DISPOSAL

ENG10. Connect the development to an on-site wastewater disposal system, in accordance with the AS1547:2012 On-site domestic wastewater management and the Queensland Plumbing and Wastewater Code - 2019.

ENG11. Obtain a Development Permit for Plumbing Works for the on-site sewerage treatment system.

Note: Any on-site effluent disposal system servicing more than 21 Equivalent Persons (EP) requires an Environmentally Relevant Activity (ERA) 63 which, depending on the treatment and discharge method, may require a separate Material Change of Use approval.

PARKING AND ACCESS – GENERAL

ENG12. Design and construct all access driveways, circulation driveways, parking aisles and car parking spaces in accordance with Australian Standard 2890.1 - Parking Facilities - Off Street Car Parking.

ENG13. Provide adequate manoeuvring, loading, and parking areas for all service vehicles (buses, delivery vehicles etc).

ENG14. Design and construct all driveway, manoeuvring, and parking areas with a dust suppressive gravel.

ENG15. Provide the following minimum number car parking spaces:

Building	**Parking**
Building 2	65 carparks, 2 PWD carparks, 2 bus parks
Building 3	90 carparks
Building 4	30, PWD carparking required by National Construction Code
Building 5	30, PWD carparking required by National Construction Code

ENG16. Design & construct all PWD car parking spaces in accordance with AS2890.6.

ENG17. Provide vehicle bollards or tyre stops to control vehicular access and to protect landscaping or pedestrian areas where appropriate.

ENG18. Ensure access to car parking spaces, vehicle loading and manoeuvring areas and driveways remain unobstructed and available for their intended purpose during the hours of operation.

ENG19. Maintain dust suppression treatment to all unsealed internal roadways, and vehicle manoeuvring areas to not have an adverse impact on adjoining properties.

VEHICLE ACCESS

ENG20. Design and construct vehicle turnout to Lot 1 RP903441 generally in accordance with Council's Standard Drawing No. 00049 Rev B. The access shall be bitumen sealed.

Comment: This condition refers to the access for the proposed easement to access Lot 131 SP221464. Please note that the access may not require a culvert if the access is constructed at a suitable grade.

ROADWORKS

ENG21. At no cost to Council, upgrade the unsealed section of Waterview Drive at Chainage 560, through to the Dusty Hill Winery gated access at Chainage 900, with a 6.5m wide Double/Double bitumen seal on an 8m gravel formation to Council standards. The upgrade shall include any additional pavement required and any ancillary works (e.g. culverts) to support cul-de-sac movements prior to the gated access.

Timing: Completed within 18 months of the approval taking effect.

Comment: Any road upgrade shall be carried out under an Operational Work permit with plans endorsed by a Registered Professional Engineer Queensland.

ENG22. The applicant is to make submission for a temporary road closure from Chainage 900 of Waterview Drive through to the southern end of the gazetted road reserve to the Department of Natural Resources for the purpose of private access to the facility. The application is to be submitted to the Department with no objection from Council within 2 months of this decision notice being issued.

ELECTRICITY AND TELECOMMUNICATION

ENG23. Connect the development to electricity and telecommunication services.

EROSION AND SEDIMENT CONTROL - GENERAL

ENG24. Ensure that all reasonable actions are taken to prevent sediment or sediment laden water from being transported to adjoining properties, roads and/or stormwater drainage systems.

ENG25. Remove and clean-up sediment or other pollutants in the event that sediment or other pollutants are tracked/released onto adjoining streets or stormwater systems, at no cost to Council.

ADVICE

MATERIAL CHANGE OF USE – CURRENCY PERIOD

ADV1. Section 85 (1)(a) of the Planning Act provides that, if this approval is not acted upon within the period of six (6) years the approval will lapse.

HERITAGE

ADV2. This development approval does not authorise any activity that may harm Aboriginal Cultural Heritage. Under the Aboriginal Cultural Heritage Act 2003 you have a duty of care in relation to such heritage. Section 23(1) provides that “A person who carries out an activity must take all reasonable and practicable measures to ensure the activity does not harm Aboriginal Cultural Heritage.” Council does not warrant that the approved development avoids affecting Aboriginal Cultural Heritage. It may, therefore, be prudent

for you to carry out searches, consultation, or a Cultural Heritage assessment to ascertain the presence or otherwise of Aboriginal Cultural Heritage. The Act and the associated duty of care guidelines explain your obligations in more detail and should be consulted before proceeding. A search can be arranged by visiting https://www.datsip.qld.gov.au and filling out the Aboriginal and Torres Strait Islander Cultural Heritage Search Request Form.

PREVIOUS APPROVALS.

ADV3. Where seeking to exercise this material change of use development permit it must be carried out in accordance with plans and conditions imposed noting that previous designs applied to the site (pursuant to previous approvals) are not relevant or justifiable under this permit.

DEVELOPMENT COMPLIANCE

ADV4. Development must not be amended from those plans approved unless otherwise agreed as a result of a change request pursuant to the Planning Act 2016, changes that are not approved (and constructed) may constitute a development offence pursuant to the Planning Act 2016, triggering compliance action.

ADV5. All conditions imposed must be complied with as attached to this decision package, conditions that are not complied with may constitute a development offence pursuant to the Planning Act 2016, triggering compliance action.

UNREASONABLE NOISE

ADV6. In the event noise related complaints are received, Council may undertake further investigations and require demonstration that noise emitted from this approved development complies with *'Noise regulation under the Environmental Protection Ac 1994'* and hence may require commission (as owners expense) of a Noise impact Assessment Report that:

- Establishes and maintains the rights and interests of activities associated with this approved development.
- Protects ongoing rights and interests of other nearby properties.
- Sets a reasonable expectation (for Noise) for all interested parties.

ADV7. It is recommended that the applicant retain a noise complaints log documenting at least the following:

i. Date and time of complaint.
ii. The complainant.
iii. Matter to be dealt with.
iv. Identification of noise source.
v. Actions taken to remediate, and information provided to complainant.
vi. Conclusions and outcomes.

APPEAL RIGHTS

ADV8. Attached for your information is a copy of Chapter 6 of the Planning Act as regards to Appeal Rights.

RECONFIGURING A LOT – DEVELOPMENT PERMIT
APPROVED PLANS

GEN1. The development must be completed and maintained in accordance with the approved plans and documents and conditions to this development approval:

Plan No.	Rev.	Issue	Date	Prepared By
DAEMT 01	B	Proposed Easement Plan	06/12/2021	McLaren Design

GEN2. All conditions of this approval are to be satisfied prior to Council endorsing the Survey Plan, and it is the applicant's responsibility to notify Council to inspect compliance with conditions.

A fee will be charged, with payment required prior to Council's approval of the associated documentation requiring assessment.

GEN3. Any new earthworks or structures are not to concentrate or impede the natural flow of water across property boundaries and onto any other lots.

GEN4. Prior to sealing the Plan of Survey, the applicant is required to pay the Council all rates and charges or any expenses being charged over the subject land under any Act in accordance with Schedule 18, Section 69 of the *Planning Act Regulation 2017*.

Timing: – As indicated.

GEN5. Prior to the sealing of the Plan of Survey the applicant is to provide a certificate signed by a licensed surveyor stating that after the completion of all works associated with the reconfiguration, survey marks were reinstated where necessary and all survey marks are in their correct position in accordance with the Plan of Survey.

Timing: – As indicated.

GEN6. The currency period for this development approval for reconfiguring a lot is four (4) years after the development approval starts to have effect. The development approval will lapse unless the survey plan for all works and stages required to be given to Council for approval is provided within this period.

VALUATION FEES

RAL1. Payment of Department of Natural Resources, Mines and Energy valuation fees that will result from the issue of split valuations prior to Council sealing the Plan of Survey. The contribution is currently assessed at $156.00 (3 x $52.00); however, the actual amount payable will be based on Council's Register of Fees & Charges and the rate applicable at the time of payment.

EARTHWORKS

RAL2. Any new earthworks or structures are not to concentrate or impede the natural flow of water across property boundaries and onto any other lots.

ENGINEERING WORKS

ENG1. Complete all works approved and works required by conditions of this development approval and/or any related approvals at no cost to Council, prior to Council's endorsement of the Survey Plan unless stated otherwise.

ENG2. Be responsible for any alteration necessary to electricity, telephone, water mains, sewer mains, stormwater drainage systems or easements and/or other public utility installations resulting from the development or from road and drainage works required in connection with the development.

LOCATION, PROTECTION AND REPAIR OF DAMAGE TO COUNCIL AND PUBLIC UTILITY SERVICES INFRASTRUCTURE AND ASSETS

ENG3. Be responsible for the location and protection of any Council and public utility services infrastructure and assets that may be impacted on during construction of the development.

ENG4. Repair all damages incurred to Council and public utility services infrastructure and assets, as a result of the proposed development immediately should hazards exist for public health

and safety or vehicular safety. Otherwise, repair all damages immediately upon completion of works associated with the development.

STORMWATER MANAGEMENT

ENG5. Provide overland flow paths that do not adversely alter the characteristics of existing overland flows on other properties or that create an increase in flood damage on other properties.

ENG6. Discharge all minor storm flows that fall or pass onto the site to the lawful point of discharge in accordance with the Queensland Urban Drainage Manual (QUDM).

VEHICLE ACCESS

ENG7. Design and construct vehicle turnout to Lot 1 RP903441 generally in accordance with Council's Standard Drawing No. 00049 Rev B. The access shall be bitumen sealed.

Comment: This condition refers to the access for the proposed easement to access Lot 131 SP221464. Please note that the access may not require a culvert if the access is constructed at a suitable grade.

ACCESS

ENG8. Design and construct the driveway with a dust suppressive gravel.

EROSION AND SEDIMENT CONTROL – GENERAL

ENG9. Ensure that all reasonable actions are taken to prevent sediment or sediment laden water from being transported to adjoining properties, roads and/or stormwater drainage systems.

ENG10. Remove and clean-up the sediment or other pollutants in the event that sediment or other pollutants are tracked or released onto adjoining streets or stormwater systems, at no cost to Council.

ADVICE

HERITAGE

ADV1. This development approval does not authorise any activity that may harm Aboriginal Cultural Heritage. Under the Aboriginal Cultural Heritage Act 2003 you have a duty of care in relation to such heritage. Section 23(1) provides that "A person who carries out an activity must take all reasonable and practicable measures to ensure the activity does not harm Aboriginal Cultural Heritage." Council does not warrant that the approved development avoids affecting Aboriginal Cultural Heritage. It may therefore, be prudent for you to carry out searches, consultation, or a Cultural Heritage assessment to ascertain the presence or otherwise of Aboriginal Cultural Heritage. The Act and the associated duty of care guidelines explain your obligations in more detail and should be consulted before proceeding. A search can be arranged by visiting https://www.datsip.qld.gov.au and filling out the Aboriginal and Torres Strait Islander Cultural Heritage Search Request Form.

FILLING & EXCAVATION

ADV2. It is the developer/owner's responsibility to ensure that any subsequent earthworks required as a consequence of this approval and/or ongoing operations complies with all aspects of Council's planning scheme either directly or indirectly.

INFRASTRUCTURE CHARGES

ADV3. Infrastructure charges are now levied by way of an infrastructure charges notice, issued pursuant to section 119 of the *Planning Act 2016*. See attached Infrastructure Charges Notice

APPEAL RIGHTS

ADV4. Attached for your information is a copy of Chapter 6 of the *Planning Act 2016* as regards Appeal Rights.

ADV5. Construction Noise and Dust Emissions Pursuant to the *Environmental Protection Act 1994*, all development involving the emission of noise and dust from building and/or construction activities, must ensure that the emissions are in accordance with the requirements of the Act.

RECONFIGURING A LOT – CURRENCY PERIOD

ADV6. Section 85 (1)(a) of the Planning Act provides that, if this approval is not acted upon within the period of four (4) years the approval will lapse.

In Favour: Crs Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 6/0

Attendance

At 12.22pm Leo Jensen (Acting Manager Environment & Planning) and David Hursthouse (Coordinator Development Services) left the meeting.

13.2 TRUSTEE LEASE - BOOIE HALL AND RECREATION RESERVE ASSOCIATION INC

RESOLUTION 2024/368

Moved: Cr Jane Erkens
Seconded: Cr Deb Dennien

That South Burnett Regional Council:

1. In accordance with *section 236(1)(b)(ii)* of the *Local Government Regulation 2012* applies to dispose of a valuable non-current asset by way of entering a trustee lease for Lot 129 on SP115387 to the Booie Hall & Recreation Reserve Association Inc. for a term of 10 years.
2. Pursuant to *Section 257(1)(b)* of the *Local Government Act 2009*, South Burnett Regional Council delegates to the Chief Executive Officer the power to negotiate, finalise and execute the trustee lease with the Booie Hall & Recreation Reserve Association Inc. on terms and conditions the Chief Executive Officer reasonably considers satisfactory to Council.

In Favour: Crs Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 6/0

13.3 LICENCE TO OCCUPY - CURTAIN CALL

RESOLUTION 2024/369

Moved: Cr Jane Erkens
Seconded: Cr Ros Heit

That the matter lay on the table.

In Favour: Crs Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 6/0

Attendance
At 12.30pm James D'Arcy (Manager Infrastructure Planning) left the meeting.
At 12.30pm Leo Jensen (Acting Manager Environment & Planning) returned to the meeting.

13.4 ADOPTION OF RADF ROUND 2 2024 GRANT APPLICATIONS

RESOLUTION 2024/370

Moved: Cr Jane Erkens
Seconded: Cr Linda Little

That the following recommendations for RADF Round 2 2024 grant approvals be adopted by Council:

No.	App ID	Applicant	Division	Project	Amount requested	Decision/ comments	Amount of funding approved
1	RADF11R2	SB CTC	3	Mural Project – Kingaroy Youth Park	$3,000.00	Approved	$3,000.00
2	RADF13R2	Wondai Woodworkers Inc	5	Wood & Resin Workshop	$500.00	Not Approved Application did not meet guidelines	None
3	RADF1R2	Noosa Film Academy Pty Ltd	3	Youth Screenplay & Acting for Screen Production Workshop	$3,000.00	Approved	$3,000.00
4	RADF2R2	The Mobile Jewellery Tutor	2	Silversmithing Beginners workshops – Blackbutt & Surrounds	$3,000.00	Not Approved Application did not meet guidelines	None
5	RADF4R2	Kingaroy State School P& C Assoc.	3	Textiles Workshop -0 Fabric Bookmark	$2,909.00	Approved Note: materials to remain	$2,909.00

						property of the school	

6.	RADF5R2	Mrs Ruth Ellington (artist application)	6	The Imagination Studio	$3,000.00	Approved	$3,000.00
7	RADF6R2	Mr Tristan Pantarotto (Artist application)	2	WISP	$3,000.00	Not Approved Application did not meet guidelines	None
						Total grant approval allocation	**$11,909.00**

In Favour: Crs Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 6/0

Attendance
At 12:31 pm, Mayor Kathy Duff returned to the meeting and resumed the Chair

13.5 WAIVING OF BUILDING AND PLUMBING APPLICATION FEES - SOUTH BURNETT SAINTS AFL

RESOLUTION 2024/371

Moved: Cr Ros Heit
Seconded: Cr Danita Potter

That South Burnett Regional Council waives 50% of the building and plumbing application fees as per the Consideration of Applications for reduction in Council's Fees and Charges – Building, Plumbing and Planning Applications Policy – Strategic017 and contributes the remaining 50% as in-kind support from the community grant process.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

13.6 PROTECTING THE GREAT BARRIER REEF - COMMUNITY STEWARDSHIP PROGRAM ROUND 1

RESOLUTION 2024/372

Moved: Cr Heath Sander
Seconded: Cr Deb Dennien

That South Burnett Regional Council apply for the Community Stewardship Grant Programme:

1. To assist landholders to target weed control in riparian areas, wetlands and ecosystems to care for the Great Barrier Reef; and

2. Build long term community stewardship and enhance commitment to protect and care for the reef.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

13.7 MINUTES OF THE ARTS, CULTURE AND HERITAGE ADVISORY COMMITTEE

RESOLUTION 2024/373

Moved: Cr Danita Potter
Seconded: Cr Deb Dennien

That the minutes of the South Burnett Regional Council; Arts, Culture and Heritage Advisory Committee meetings listed below be received and noted:

1. Meeting Minutes November 2023
2. Meeting Minutes February 2024
3. Meeting draft minutes April 18, 2024

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

13.8 LIST OF CORRESPONDENCE PENDING COMPLETION OF ASSESSMENT REPORT

RESOLUTION 2024/374

Moved: Cr Jane Erkens
Seconded: Cr Danita Potter

That the List of correspondence pending completion of assessment report as of 10 June 2024 be received and noted.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

13.8.1 QUESTION ON NOTICE - RAL23/0034 – RECONFIGURATION OF A LOT – SUBDIVISION (1 LOT INTO 2 LOTS) AT HAAGER DRIVE MOFFATDALE

Question on Notice from Councillor Sander:

Councillor Sander requested more information on RAL23/0034 – Reconfiguration of a Lot – Subdivision (1 Lot into 2 Lots) at Haager Drive Moffatdale

13.8.2 QUESTION ON NOTICE - RAL23/0023 AND RAL24/001

Question on Notice from Councillor Heit:

Councillor Heit requested more information on

- RAL23/0023 – Reconfiguration of a Lot – Subdivision (5 Lots into 25 Lots), New Road and Drainage Easements at 70, 84 & 104 Crumpton Drive Blackbutt North and
- RAL24/0001 – Reconfiguration of a Lot – Subdivision (1 Lot into 31 Lots) at 22-30 Bridget Carroll Road Kingaroy

13.9 DELEGATED AUTHORITY REPORTS (28 NOVEMBER 2023 TO 10 JUNE 2024)

RESOLUTION 2024/375

Moved: Cr Heath Sander
Seconded: Cr Ros Heit

That the Delegated Authority report be received.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

14 QUESTIONS ON NOTICE

14.1 QUESTION ON NOTICE - MURGON LANDFILL

RESOLUTION 2024/376

Moved: Mayor Kathy Duff
Seconded: Cr Heath Sander

That the response to the question regarding Murgon Landfill raised by Mayor Duff be received and noted.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

MOTION

RESOLUTION 2024/377

Moved: Cr Ros Heit
Seconded: Cr Heath Sander

That meeting adjourn for lunch at 12.48pm.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

15 INFORMATION SECTION

Nil

RESUME MEETING

RESOLUTION 2024/378

Moved: Cr Ros Heit
Seconded: Cr Linda Little

That the meeting resume at 1.39pm

In Favour: Crs Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 6/0

At the resumption of the meeting Mayor Duff was not present and Deputy Mayor Potter assumed the Chair.

Leo Jensen (Acting Manager Environment & Planning) and Mal Nearmy (Coordinator Waste Management were in attendance at the resumption of the meeting.

16 CONFIDENTIAL SECTION

RESOLUTION 2024/379

Moved: Cr Heath Sander
Seconded: Cr Deb Dennien

That Council considers the confidential report(s) listed below in a meeting closed to the public in accordance with Section 254J of the *Local Government Regulation 2012*:

16.1 South Burnett Community Hospital Foundation Limited - Constitutional Amendments

This matter is considered to be confidential under Section 254J - e and g of the Local Government Regulation, and the Council is satisfied that discussion of this matter in an open meeting would, on balance, be contrary to the public interest as it deals with legal advice obtained by the local government or legal proceedings involving the local government including, for example, legal proceedings that may be taken by or against the local government and negotiations relating to a

commercial matter involving the local government for which a public discussion would be likely to prejudice the interests of the local government.

16.2 South Burnett Community Hospital Foundation Limited Board Meeting Minutes - 30 April 2024

This matter is considered to be confidential under Section 254J - g of the Local Government Regulation, and the Council is satisfied that discussion of this matter in an open meeting would, on balance, be contrary to the public interest as it deals with negotiations relating to a commercial matter involving the local government for which a public discussion would be likely to prejudice the interests of the local government.

16.3 Waste Strategy and Management - Waste Disposal Options

This matter is considered to be confidential under Section 254J - g of the Local Government Regulation, and the Council is satisfied that discussion of this matter in an open meeting would, on balance, be contrary to the public interest as it deals with negotiations relating to a commercial matter involving the local government for which a public discussion would be likely to prejudice the interests of the local government.

16.4 Customer phone-calls, after-hours calls and lone-worker monitoring

This matter is considered to be confidential under Section 254J - b and g of the Local Government Regulation, and the Council is satisfied that discussion of this matter in an open meeting would, on balance, be contrary to the public interest as it deals with industrial matters affecting employees and negotiations relating to a commercial matter involving the local government for which a public discussion would be likely to prejudice the interests of the local government.

16.5 Coolabunia Clearing facility and Saleyards Cattle and Horse Tick Inspection Contract Arrangements

This matter is considered to be confidential under Section 254J - g of the Local Government Regulation, and the Council is satisfied that discussion of this matter in an open meeting would, on balance, be contrary to the public interest as it deals with negotiations relating to a commercial matter involving the local government for which a public discussion would be likely to prejudice the interests of the local government.

In Favour: Crs Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 6/0

Attendance

At 1.44pm Susan Jarvis (General Manager Finance & Corporate) entered the meeting.

At 1.54pm Rebecca Bayntun (Manager Corporate, Governance & Strategy) entered the meeting.

At 1:55 pm, Cr Jane Erkens left the meeting.

At 1:58 pm, Mayor Kathy Duff returned to the meeting and resumed the Chair.

At 2.01pm, Wendy Kruger (Executive Assistant), Rebecca Humphrey (Manager People & Culture) and Jess Kerr (Principal Advisor People & Culture) entered the meeting.

At 2.01pm, Wendy Kruger (Executive Assistant) left the meeting.

At 2.05pm Jess Kerr (Principal Advisor People & Culture) left the meeting.

At 2.07pm Jess Kerr (Principal Advisor People & Culture) returned to the meeting.

At 2.16pm Aaron Meehan (General Manager Infrastructure) left the meeting.

At 2.17pm Aaron Meehan (General Manager Infrastructure) returned to the meeting.

At 2.24pm Rebecca Bayntun (Manager Corporate, Governance & Strategy) left the meeting.

At 2.27pm Rebecca Humphrey (Manager People & Culture) left the meeting.

At 2.27pm Rebecca Humphrey (Manager People & Culture) returned to the meeting.

At 2.28pm Rebecca Bayntun (Manager Corporate, Governance & Strategy) returned to the meeting.

At 2.28pm Jess Kerr (Principal Advisor People & Culture) left the meeting.

RESOLUTION 2024/380

Moved: Cr Danita Potter
Seconded: Cr Deb Dennien

That Council moves out of Closed Council into Open Council.

In Favour: Crs Kathy Duff, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 6/0

16.1 SOUTH BURNETT COMMUNITY HOSPITAL FOUNDATION LIMITED - CONSTITUTIONAL AMENDMENTS

RESOLUTION 2024/381

Moved: Cr Linda Little
Seconded: Cr Heath Sander

South Burnett Regional Council resolves that:

1. Council, the sole member of the South Burnett Community Hospital Foundation Limited A.C.N. 099 686 647 (***the Company***), approves amending the constitution of the Company, as required by the Company's constitution Rule 3.8(2), as follows:
   (a) Rule 1.2 (Definitions), 'Business' definition—to omit paragraph (1), to amend paragraph (2) to refer to raising funds for the hospital located in the Region, and to renumber the remaining paragraphs;
   (b) Rules 4.1(1) and (2) (Appointment, Removal and Retirement of Directors)—to increase the maximum number of directors from 9 to 11;
   (c) Rule 5.2(1) (Secretaries)—to omit the requirements that the company secretary "shall be a Director who is an employee of the Council"; and
   (d) to make any associated consequential amendments that arise out of the foregoing amendments.
2. The Chief Executive Officer is authorised to give to the Company's company secretary a copy of this resolution as its written approval to the constitution being amended, as required by the Company's constitution Rule 3.8(2).

In Favour: Crs Kathy Duff, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 6/0

RESOLUTION 2024/382

Moved: Cr Linda Little
Seconded: Cr Ros Heit

That South Burnett Regional Council resolves that:

1. Council, the sole member of the South Burnett Community Hospital Foundation Limited A.C.N. 099 686 647 (the ***Company***), votes in favour of passing the following member special resolutions, without a Company general meeting pursuant to *Corporations Act* section 249B:

   (1) the Company modify its Constitution as follows:

   (a) in Rule 1.2 (Definitions), 'Business' definition—
   (i) omit paragraph (1); and
   (ii) in paragraph (2), after the words 'for the hospital', insert 'located in the Region'; and
   (iii) renumber paragraphs (2) and (3) as paragraphs (1) and (2);
   (b) in Rules 4.1(1) and (2) (Appointment, Removal and Retirement of Directors)—omit the number '9' and replace with the number '11';
   (c) in Rule 5.2(1) (Secretaries)—omit ", who shall be a Director who is an employee of the Council"; and

   (2) the Company adopt the consolidated modified Constitution attached to this resolution.

2. The Chief Executive Officer is authorised as Council's delegate under *Local Government Act 2009* sections 236 and 257 to sign a record of the member special resolutions without a Company general meeting for the purpose of giving it to the Company to record the resolution in the Company's minutes book.

In Favour: Crs Kathy Duff, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 6/0

16.2 SOUTH BURNETT COMMUNITY HOSPITAL FOUNDATION LIMITED BOARD MEETING MINUTES - 30 APRIL 2024

RESOLUTION 2024/383

Moved: Cr Linda Little
Seconded: Cr Danita Potter

That the report on South Burnett Community 30 April 2024 be received for information.

In Favour: Crs Kathy Duff, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 6/0

RESOLUTION 2024/384

Moved: Cr Linda Little
Seconded: Cr Deb Dennien

That South Burnett Regional Council note and receive the resignation of Helen Roth from the Board.

In Favour: Crs Kathy Duff, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 6/0

RESOLUTION 2024/385

Moved: Cr Danita Potter
Seconded: Cr Linda Little

That the following nominations submitted be accepted as new Board Members of the South Burnett Community Hospital Foundation Ltd:

a) Dr Lachlan Boyce;
b) Margie Hams;
c) Matthew Kenny;
d) Nina Temperton;
e) Paul Laurentiussen;
f) Rowena Dionysius.

In Favour: Crs Kathy Duff, Linda Little, Danita Potter, Deb Dennien and Ros Heit

Against: Cr Heath Sander

CARRIED 5/1

Attendance
At 2.42pm Aaron Meehan (General Manager Infrastructure) left the meeting.
At 2.44pm Aaron Meehan (General Manager Infrastructure) returned to the meeting.

16.3 WASTE STRATEGY AND MANAGEMENT - WASTE DISPOSAL OPTIONS

RESOLUTION 2024/386

Moved: Cr Danita Potter
Seconded: Cr Linda Little

That South Burnett Regional Council resolves to:

1. Note the content of this report.
2. Support operational changes across the waste management (landfill) portfolio as recommended in this report to assist in transitioning Council to compliance with its Environmental Authority (EPPR00445213)
3. Endorse Council officers' ongoing engagement with the Department of Environment, Science, and Innovation (DESI), about ongoing compliance issues associated with Council's waste management operations.
4. Consider allocating a capital project budget of $750,000 in the 2024/25FY to urgently undertake the necessary investigations and approval preparation for the expansion of the Kingaroy waste operation (landfill) as the region's future regional landfill facility.
5. Authorise the CEO (or delegate) to inform DESI of the outcomes of this report to assist with managing ongoing compliance issues associated with Council's waste management operations.
6. Investigate transport options to take waste out of the region.

In Favour: Crs Kathy Duff, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 6/0

16.3.1 WASTE INVESTIGATION

RESOLUTION 2024/387

Moved: Cr Heath Sander
Seconded: Cr Deb Dennien

That Council investigate new ways of handling current volumes of waste to reduce the impact on landfills by sending a deputation to the new plant at Sunshine Coast to inspect the operations of the plant.

In Favour: Crs Kathy Duff, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 6/0

16.4 CUSTOMER PHONE-CALLS, AFTER-HOURS CALLS AND LONE-WORKER MONITORING

RESOLUTION 2024/388

Moved: Mayor Kathy Duff
Seconded: Cr Ros Heit

That the matter lay on the table.

In Favour: Crs Kathy Duff, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 6/0

16.5 COOLABUNIA CLEARING FACILITY AND SALEYARDS CATTLE AND HORSE TICK INSPECTION CONTRACT ARRANGEMENTS

RESOLUTION 2024/389

Moved: Cr Heath Sander
Seconded: Cr Deb Dennien

That South Burnett Regional Council in accordance with section *235(a)* of the *Local Government Regulation 2012* offer a short-term contract as it is satisfied that there is only 1 supplier who is reasonably available to provide the services.

In Favour: Crs Kathy Duff, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 6/0

17 CLOSURE OF MEETING

The Meeting closed at 2.54pm.

The minutes of this meeting were confirmed at the Ordinary Council Meeting held on 17 July 2024.

.....

CHAIRPERSON

7.2 MINUTES OF THE SPECIAL COUNCIL MEETING HELD ON 10 JULY 2024

File Number: **17/07/24**

Author: **Executive Assistant**

Authoriser: **Chief Executive Officer**

OFFICER'S RECOMMENDATION

That the Minutes of the Special Council Meeting held on 10 July 2024 be received and the recommendations therein be adopted.

ATTACHMENTS

1. Minutes of the Special Council Meeting held on 10 July 2024

SOUTH BURNETT
REGIONAL COUNCIL

MINUTES

Special Council Meeting
Wednesday, 10 July 2024

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MINUTES OF SOUTH BURNETT REGIONAL COUNCIL
SPECIAL COUNCIL MEETING
HELD AT THE WARREN TRUSS CHAMBER, 45 GLENDON STREET, KINGAROY
ON WEDNESDAY, 10 JULY 2024 AT 9.00AM

PRESENT: Mayor Kathy Duff, Cr Jane Erkens, Cr Linda Little, Cr Danita Potter, Cr Deb Dennien, Cr Heath Sander, Cr Ros Heit

1 OPENING

The Mayor declared the meeting open and welcomed all attendees.

2 ATTENDANCE

Mark Pitt (Chief Executive Officer), Susan Jarvis (General Manager Finance & Corporate), Aaron Meehan (General Manager Infrastructure),Leanne Petersen (Acting General Manager Liveability), Lynelle Paterson (Coordinator Executive Services), Helen Floyd (Executive Assistant), Kerrie Anderson (Manager Finance & Sustainability), Kristy Miatt (Executive Assistant Communications)

3 LEAVE OF ABSENCE / APOLOGIES

Nil

4 PRAYERS

The Mayor led Council in The Lord's Prayer.

The Mayor acknowledged NAIDOC week and acknowledged the traditional custodians of the land on which the meeting took place.

5 DECLARATION OF INTEREST

Nil

6 FINANCE & CORPORATE

6.1 ADOPTION OF THE SOUTH BURNETT REGIONAL COUNCIL ANNUAL OPERATIONAL PLAN 2024/2025

RESOLUTION 2024/1

Moved: Cr Danita Potter
Seconded: Cr Ros Heit

That the South Burnett Regional Council Annual Operational Plan 2024/2025 be adopted as presented.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

6.2 ADOPTION OF SOUTH BURNETT REGIONAL COUNCIL DEBT POLICY 2024/2025 - STATUTORY010

RESOLUTION 2024/2

Moved: Cr Ros Heit
Seconded: Cr Linda Little

That the Couth Burnett Regional Council Debt Policy 2024/2025 – Statutory010 be adopted as presented.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

6.3 MAYOR'S BUDGET ADDRESS FOR 2024/2025 BUDGET

RESOLUTION 2024/3

Moved: Mayor Kathy Duff
Seconded: Cr Danita Potter

That the Mayor's Budget Address for the 2024/2025 Budget be received.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

6.4 ADOPTION OF THE 2024/2025 BUDGET

RESOLUTION 2024/4

Moved: Mayor Kathy Duff
Seconded: Cr Danita Potter

That pursuant to *Sections 169* and *170* of the *Local Government Regulation 2012*, Council's Budget for the 2024/2025 financial year, incorporating:

1. the statements of financial position;
2. the statements of cash flow;
3. the statements of income and expenditure;
4. the statements of changes in equity;
5. capital budget;
6. the long-term financial forecast;
7. the revenue statement;
8. the revenue policy (adopted by Council resolution on 24 April 2024);
9. the relevant measures of financial sustainability; and

10. the total value of the change, expressed as a percentage, in the rates and utility charges levied for the financial year compared with the rates and utility charges levied in the previous budget,as tabled, be adopted

.In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

6.5 STATEMENTS OF ESTIMATED FINANCIAL POSITION TO 30 JUNE 2024

RESOLUTION 2024/5

Moved: Cr Deb Dennien
Seconded: Cr Linda Little

That pursuant to *Section 205* of the *Local Government Regulation 2012*, the statement of the financial operations and financial position, including capital expenditure of the Council in respect of the previous financial year ("the Statement of Estimated Financial Position") be received and its contents noted.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

6.6 DIFFERENTIAL GENERAL RATES CATEGORIES AND CRITERIA 2024/2025

RESOLUTION 2024/6

Moved: Cr Linda Little
Seconded: Cr Ros Heit

That

1. South Burnett Regional Council adopt differential general rates for the year ending 30 June 2025;
2. Pursuant to *Section 81* of the *Local Government Regulation 2012,* the categories into which rateable land is categorised, the description of those categories and, in accordance with *Sections 81(4)* and *81(5)* of the *Local Government Regulation 2012,* the method by which land is to be identified and included in its appropriate category is as listed in the table below;
3. Council delegates to the Chief Executive Officer the power, in accordance with *Sections 81(4)* and *81(5)* of the *Local Government Regulation 2012,* to identify the rating category to which each parcel of rateable land belongs

Category	Differential Category
1	**Residential – Kingaroy**
Description	**Identification**
All properties in this category are located within the Kingaroy Urban Locality and are used solely for residential purposes, or if vacant land, is zoned for residential use under the Planning Schemes relevant to South Burnett Regional Council, and intended for use for residential purposes only. Urban Localities are defined in "Individual Urban Locality" maps series. Council will be guided by the Department of Resources	1. This category will cover all land within the Kingaroy Urban locality, where the dominant purpose for which that land is used, or intended for use, is a residential purpose and not included in any other category. 2. That such land in this category will in the main be owner occupied and where tenanted, the revenue

land use codes between 1 and 9 (excluding 03) and land use code 72 when determining the properties that fit into this category.	earned is limited to rental income solely. 3. That in the case of land on which there is erected a single unit domestic dwelling to the extent that the dominant use of the land is residential, it will fall into this category regardless of the zoning of the land. 4. Land with land use codes 01, 02, 04, 05, 06, 07, 08, 09 and 72 or as otherwise identified by the CEO.

Category	Differential Category
201	**Residential – Nanango**
Description	**Identification**
All properties in this category are located within the Nanango Urban Locality and are used solely for residential purposes, or if vacant land, is zoned for residential use under the Planning Schemes relevant to South Burnett Regional Council, and intended for use for residential purposes only. Urban Localities are defined in "Individual Urban Locality" maps series. Council will be guided by the Department of Resources land use codes between 1 and 9 (excluding 03) and land use code 72 when determining the properties that fit into this category.	1. This category will cover all land within the Nanango Urban locality, where the dominant purpose for which that land is used, or intended for use, is a residential purpose and not included in any other category. 2. That such land in this category will, in the main, be owner occupied and where tenanted, the revenue earned is limited to rental income solely. 3. That in the case of land on which there is erected a single unit domestic dwelling to the extent that the dominant use of the land is residential, it will fall into this category regardless of the zoning of the land. 4. Land with land use codes 01, 02, 04, 05, 06, 07, 08, 09 and 72 or as otherwise identified by the CEO.

Category	Differential Category
203	**Residential – Blackbutt**
Description	**Identification**
All properties in this category are located within the Blackbutt Urban Locality and are used solely for residential purposes, or if vacant land, is zoned for residential use under the Planning Schemes relevant to South Burnett Regional Council, and intended for use for residential purposes only. Urban Localities are defined in "Individual Urban Locality" maps series. Council will be guided by the Department of Resources land use codes between 1 and 9 (excluding 03) and land use code 72 when determining the properties that fit into this category.	1. This category will cover all land within the Blackbutt Urban locality, where the dominant purpose for which that land is used, or intended for use, is a residential purpose and not included in any other category. 2. That such land in this category will in the main be owner occupied and where tenanted, the revenue earned is limited to rental income solely. 3. That in the case of land on which there is erected a single unit domestic dwelling to the extent that the dominant use of the land is residential, it will fall into this category regardless of the zoning of the land. 4. Land with land use codes 01, 02, 04, 05, 06, 07, 08, 09 and 72 or as otherwise identified by the CEO.

Category	Differential Category
301	**Residential – Murgon**
Description	**Identification**
All properties in this category are located within the Murgon Urban Locality and are used solely for residential purposes, or if vacant land, is zoned for residential use under the Planning Schemes relevant to South Burnett Regional Council, and intended for use for residential purposes only. Urban Localities are defined in "Individual Urban Locality" maps series. Council will be guided by the Department of Resources land use codes between 1 and 9 (excluding 03) and land use code 72 when determining the properties that fit into this category.	1. This category will cover all land within the Murgon Urban locality, where the dominant purpose for which that land is used, or intended for use, is a residential purpose and not included in any other category. 2. That such land in this category will in the main be owner occupied and where tenanted, the revenue earned is limited to rental income solely. 3. That in the case of land on which there is erected a single unit domestic dwelling to the extent that the dominant use of the land is residential, it will fall into this category regardless of the zoning of the land. 4. Land with land use codes 01, 02, 04, 05, 06, 07, 08, 09 and 72 or as otherwise identified by the CEO.

Category	Differential Category
401	**Residential – Wondai**
Description	**Identification**
All properties in this category are located within the Wondai Urban Locality and are used solely for residential purposes, or if vacant land, is zoned for residential use under the Planning Schemes relevant to South Burnett Regional Council, and intended for use for residential purposes only. Urban Localities are defined in "Individual Urban Locality" maps series. Council will be guided by the Department of Resources land use codes between 1 and 9 (excluding 03) and land use code 72 when determining the properties that fit into this category.	1. This category will cover all land within the Wondai Urban locality, where the dominant purpose for which that land is used, or intended for use, is a residential purpose and not included in any other category. 2. That such land in this category will in the main be owner occupied and where tenanted, the revenue earned is limited to rental income solely. 3. That in the case of land on which there is erected a single unit domestic dwelling to the extent that the dominant use of the land is residential, it will fall into this category regardless of the zoning of the land. 4. Land with land use codes 01, 02, 04, 05, 06, 07, 08, 09 and 72 or as otherwise identified by the CEO.

Category	Differential Category
3	**Village**
Description	**Identification**
The property is used for any purpose; and located in located in Bunya Mountains or any of the following villages: - Benarkin, Brooklands, Cloyna, Coolabunia, Crawford, Dandabah, Hivesville, Kumbia, Maidenwell, Memerambi, Moffatdale, Proston, Taabinga, Tingoora, Windera, Wooroolin.	1. All land described as 'village', where the dominant purpose for which that land is used, or intended for use, is a residential purpose and not included in any other category. 2. Villages are defined in "Individual Village" maps series.

Category	Differential Category
900	**Rural Residential**
Description	**Identification**
All properties in this category are situated outside the Nanango, Kingaroy, Wondai, Murgon and Other Urban Localities and nearby village localities (excluding Blackbutt) but are used for residential purposes. Or if vacant land, it is zoned for rural residential use under the Planning Schemes relevant to South Burnett Regional Council and intended for use for rural residential purposes. It includes all land used for rural residential purposes as defined on the relevant map marked Rural Residential. Council will be guided by the Department of Resources land use codes between 1 and 9 (excluding 03), 72 and 94 when determining the properties that fit into this category.	1. This category will cover all land used for rural residential purposes (excluding Blackbutt) that is shown on the relevant map marked Rural Residential and is not included in any other category. 2. Land with land use codes 01, 02, 04, 05, 06, 07, 08, 09, 72 and 94 or as otherwise identified by the CEO.

Category	Differential Category
910	**Rural Residential – Blackbutt**
Description	**Identification**
All properties in this category are situated outside the Blackbutt Urban Locality and nearby village localities, but are used for residential purposes. Or if vacant land, it is zoned for rural residential use under the Planning Schemes relevant to South Burnett Regional Council, and intended for use for rural residential purposes. It includes all land used for rural residential purposes as defined on the map marked Rural Residential – Blackbutt. Council will be guided by the Department of Resources land use codes between 1 and 9 (excluding 03), 72 and 94 when determining the properties that fit into this category.	1. This category will cover all land used for rural residential purposes that is shown on the map marked Rural Residential – Blackbutt and is not included in any other category. 2. Land with land use codes 01, 02, 04, 05, 06, 07, 08, 09, 72 and 94 or as otherwise identified by the CEO.

Category	Differential Category
2	**Commercial – Kingaroy**
Description	**Identification**
All properties in this category are located within the Kingaroy Urban Locality and are used for business and commercial purposes, or if vacant land, is zoned for business and commercial purposes under the Planning Schemes relevant to South Burnett Regional Council, and intended for use for business and commercial purposes. Urban Localities are defined in "Individual Urban Locality" maps series. This category includes properties that are used for a combined residential and a business or commercial purpose. Council will be guided by the Department of Resources land use codes between 10 and 15, 17 and 27, and 41 and 49 when determining the properties that fit into this category.	1. This category will cover all land within the Kingaroy Urban locality, where the property is used for a business and commercial purpose; or 2. If vacant land, is zoned for a business and commercial purpose under the Planning Schemes relevant to South Burnett Regional Council, and intended for use for business and commercial purposes; and 3. Is not included in any other category. 4. Land with land use codes 10, 11, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 41, 42, 43, 44, 45, 46, 47, 48 and 49 or as otherwise identified by the CEO.

Category	Differential Category
202	**Commercial – Nanango**
Description	**Identification**
All properties in this category are located within the Nanango Urban Localities and are used for business and commercial purposes, or if vacant land, is zoned for business and commercial purposes under the Planning Schemes relevant to South Burnett Regional Council, and intended for use for business and commercial purposes. Urban Localities are defined in "Individual Urban Locality" maps series. This category includes properties that are used for a combined residential and a business or commercial purpose. Council will be guided by the Department of Resources land use codes between 10 and 15, 17 and 27, and 41 and 49 when determining the properties that fit into this category.	1. This category will cover all land within the Nanango Urban locality, where the property is used for a business and commercial purpose; or 2. If vacant land, is zoned for a business and commercial purpose under the Planning Schemes relevant to South Burnett Regional Council, and intended for use for business and commercial purposes; and 3. Is not included in any other category. 4. Land with land use codes 10, 11, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 41, 42, 43, 44, 45, 46, 47, 48 and 49 or as otherwise identified by the CEO. 5.

Category	Differential Category
204	**Commercial – Blackbutt**
Description	**Identification**
All properties in this category are located within the Blackbutt Urban Localities and are used for business and commercial purposes, or if vacant land, is zoned for business and commercial purposes under the Planning Schemes relevant to South Burnett Regional Council, and intended for use for business and commercial purposes. Urban Localities are defined in "Individual Urban Locality" maps series. This category includes properties that are used for a combined residential and a business or commercial purpose. Council will be guided by the Department of Resources land use codes between 10 and 15, 17 and 27, and 41 and 49 when determining the properties that fit into this category.	1. This category will cover all land within the Blackbutt Urban locality, where the property is used for a business and commercial purpose; or 2. If vacant land, is zoned for a business and commercial purpose under the Planning Schemes relevant to South Burnett Regional Council, and intended for use for business and commercial purposes; and 3. Is not included in any other category. 4. Land with land use codes 10, 11, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 41, 42, 43, 44, 45, 46, 47, 48 and 49 or as otherwise identified by the CEO.

Category	Differential Category
302	**Commercial – Murgon**
Description	**Identification**
All properties in this category are located within the Murgon Urban Locality and are used for business and commercial purposes, or if vacant land, is zoned for business and commercial purposes under the Planning	1. This category will cover all land within the Murgon Urban locality, where the property is used for a business and commercial purpose; or

Schemes relevant to South Burnett Regional Council, and intended for use for business and commercial purposes. Urban Localities are defined in "Individual Urban Locality" maps series. This category includes properties that are used for a combined residential and a business or commercial purpose. Council will be guided by the Department of Resources land use codes between 10 and 15, 17 and 27, and 41 and 49 when determining the properties that fit into this category.	2. If vacant land, is zoned for a business and commercial purpose under the Planning Schemes relevant to South Burnett Regional Council, and intended for use for business and commercial purposes; and 3. Is not included in any other category. 4. Land with land use codes 10, 11, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 41, 42, 43, 44, 45, 46, 47, 48 and 49 or as otherwise identified by the CEO.

Category	Differential Category
402	**Commercial – Wondai**
Description	**Identification**
All properties in this category are located within the Wondai Urban Locality and are used for business and commercial purposes, or if vacant land, is zoned for business and commercial purposes under the Planning Schemes relevant to South Burnett Regional Council, and intended for use for business and commercial purposes. Urban Localities are defined in "Individual Urban Locality" maps series. This category includes properties that are used for a combined residential and a business or commercial purpose. Council will be guided by the Department of Resources land use codes between 10 and 15, 17 and 27, and 41 and 49 when determining the properties that fit into this category.	1. This category will cover all land within the Wondai Urban locality, where the property is used for a business and commercial purpose; or 2. If vacant land, is zoned for a business and commercial purpose under the Planning Schemes relevant to South Burnett Regional Council, and intended for use for business and commercial purposes; and 3. Is not included in any other category. 4. Land with land use codes 10, 11, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 41, 42, 43, 44, 45, 46, 47, 48 and 49 or as otherwise identified by the CEO.

Category	Differential Category
600	**Commercial – Rural**
Description	**Identification**
All properties in this category are located anywhere within the South Burnett Regional Council area, This category includes properties that are used for a combined residential and a business or commercial purpose. Council will be guided by the Department of Resources land use codes between 60 and 71, 73 and 89, and 93 when determining the properties that fit into this category.	1. This category will cover all rural land in the region that is used for business of primary production, including agricultural, grazing, horticulture, aquaculture and similar purposes; and where there is an additional business or commercial use. 2. Is not included in any other category; and 3. Properties in this category must qualify for the Department of Resources primary producers' concession, and are identified by the land use codes below. 4. Land with land use codes 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89 and 93 or as otherwise identified by the CEO.

Category	Differential Category
700	**Commercial – Village**
Description	**Identification**
All properties in this category are located anywhere within the South Burnett Regional Council area, The property is used for primarily business and commercial purpose; and located in located in Bunya Mountains or any of the following villages: - Benarkin, Brooklands, Cloyna, Coolabunia, Crawford, Dandabah, Hivesville, Kumbia, Maidenwell, Memerambi, Moffatdale, Proston, Taabinga, Tingoora, Windera, Wooroolin. This category includes properties that are used for a combined residential and a business or commercial purpose. Council will be guided by the Department of Resources land use codes between 10 and 15, 17 and 27, and 41 and 49 when determining the properties that	1. This category will cover all land within the village locality in South Burnett Regional Council, where the property is primarily used for business and commercial purposes. 2. Villages are defined in "Individual Village" maps series. 3. Land with land use codes 10, 11, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 41, 42, 43, 44, 45, 46, 47, 48 and 49 or as otherwise identified by the CEO.

fit into this category.

Category	Differential Category
9	**Drive-In Shopping Centre > 10,000m²**
Description	**Identification**
All properties in this category are classified as a Drive in Shopping Centre (a retail shopping and commercial complex) with more than 10,000 square metres of gross floor area and on-site parking for more than 500 vehicles.	Land used as a Drive in Shopping Centre (a retail shopping and commercial complex) with more than 10,000 square metres of gross floor area and on-site parking for more than 500 vehicles.

Category	Differential Category
10	**Drive-In Shopping Centre 4,001m² to 10,000m²**
Description	**Identification**
All properties in this category are classified as a Drive in Shopping Centre (a retail shopping and commercial complex) with a gross floor area of more than 4,000 square metres and less than 10,000 square metres and/or more than 150 on-site car parks or adjacent car parks which are maintained to service the specific shopping centre.	Land used as a Drive in Shopping Centre (a retail shopping and commercial complex) with a gross floor area of more than 4,000 square metres and less than 10,000 square metres and/or more than 150 on-site car parks or adjacent car parks which are maintained to service the specific shopping centre.

Category	Differential Category
99	**Drive-In Shopping Centre 1,500m² to 4,000m²**
Description	**Identification**
All properties in this category are classified as a Drive in Shopping Centre (a retail shopping and commercial complex) with a gross floor area of more than 1,500 square metres and less than 4,000 square metres and/or more than 40 on-site car parks or adjacent car parks which are maintained to service the specific shopping centre.	Land used as a Drive in Shopping Centre (a retail shopping and commercial complex) with a gross floor area of more than 1,500 square metres and less than 4,000 square metres and/or more than 40 on-site car parks or adjacent car parks which are maintained to service the specific shopping centre.

Category	Differential Category
8	**Industrial – Kingaroy**
Description	**Identification**
All properties in this category are located within the Kingaroy Urban Locality and are used for industrial purposes, or if vacant land, is zoned for industrial purposes under the Planning Schemes relevant to South Burnett Regional Council, and intended for use for industrial purposes. Urban Localities are defined in "Individual Urban Locality" maps series. This category includes properties that are used for a combined residential and an industrial purpose. Council will be guided by the Department of Resources land use codes between 28 and 39 when determining the properties that fit into this category.	1. This category will cover all land within the Kingaroy Urban locality, where the property is used for industrial purposes; or 2. If vacant land, is zoned for industrial purposes under the Planning Schemes relevant to South Burnett Regional Council, and intended for use for industrial purposes; and 3. Is not included in any other category. 4. Land with land use codes 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38 and 39 or as otherwise identified by the CEO.

Category	Differential Category
208	**Industrial – Nanango**
Description	**Identification**
All properties in this category are located within the Nanango Urban Locality and are used for industrial purposes, or if vacant land, is zoned for industrial purposes under the Planning Schemes relevant to South Burnett Regional Council, and intended for use for industrial purposes. Urban Localities are defined in	1. This category will cover all land within the Nanango Urban Locality, where the property is used for industrial purposes; or 2. If vacant land, is zoned for industrial purposes under the Planning Schemes relevant to South Burnett Regional Council, and intended for use for industrial

"Individual Urban Locality" maps series. This category includes properties that are used for a combined residential and an industrial purpose. Council will be guided by the Department of Resources land use codes between 28 and 39 when determining the properties that fit into this category.	purposes; and 3. Is not included in any other category. 4. Land with land use codes 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38 and 39 or as otherwise identified by the CEO.
Category	**Differential Category**
209	**Industrial – Blackbutt**
Description	**Identification**
All properties in this category are located within the Blackbutt Urban Locality and are used for industrial purposes, or if vacant land, is zoned for industrial purposes under the Planning Schemes relevant to South Burnett Regional Council, and intended for use for industrial purposes. Urban Localities are defined in "Individual Urban Locality" maps series. This category includes properties that are used for a combined residential and an industrial purpose. Council will be guided by the Department of Resources land use codes between 28 and 39 when determining the properties that fit into this category.	1. This category will cover all land within the Blackbutt Urban Locality, where the property is used for industrial purposes; or 2. If vacant land, is zoned for industrial purposes under the Planning Schemes relevant to South Burnett Regional Council, and intended for use for industrial purposes; and 3. Is not included in any other category. 4. Land with land use codes 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38 and 39 or as otherwise identified by the CEO.

Category	Differential Category
308	**Industrial – Murgon**
Description	**Identification**
All properties in this category are located within the Murgon Urban Locality and are used for industrial purposes, or if vacant land, is zoned for industrial purposes under the Planning Schemes relevant to South Burnett Regional Council, and intended for use for industrial purposes. Urban Localities are defined in "Individual Urban Locality" maps series. This category includes properties that are used for a combined residential and an industrial purpose. Council will be guided by the Department of Resources land use codes between 28 and 39 when determining the properties that fit into this category.	1. This category will cover all land within the Murgon Urban locality, where the property is used for industrial purposes; or 2. If vacant land, is zoned for industrial purposes under the Planning Schemes relevant to South Burnett Regional Council, and intended for use for industrial purposes; and 3. Is not included in any other category. 4. Land with land use codes 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38 and 39 or as otherwise identified by the CEO.

Category	Differential Category
408	**Industrial – Wondai**
Description	**Identification**
All properties in this category are located within the Wondai Urban Locality or Wondai Industrial Estate and are used for industrial purposes, or if vacant land, is zoned for industrial purposes under the Planning Schemes relevant to South Burnett Regional Council, and intended for use for industrial purposes. Urban Localities are defined in "Individual Urban Locality" maps series. This category includes properties that are used for a combined residential and an industrial purpose. Council will be guided by the Department of Resources land use codes between 28 and 39 when determining the properties that fit into this category.	1. This category will cover all land within the Wondai Urban locality or Wondai Industrial Estate, where the property is used for industrial purposes; or 2. If vacant land, is zoned for industrial purposes under the Planning Schemes relevant to South Burnett Regional Council, and intended for use for industrial purposes; and 3. Is not included in any other category. 4. Land with land use codes 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38 and 39 or as otherwise identified by the CEO.

Category	Differential Category
211	**Extractive C**
Description	**Identification**
All properties in this category are used for extractive industry purposes such as quarries and mining operations with between 51 and 300 workers (employees and/or contractors) and/or extraction volumes of between 1 million and 2 million tonnes per	1. This category will cover all land used for the purpose of extracting resources from the ground, with operations that have between 51 and 300 workers (employees and/or contractors) and/or extraction volumes of between 1 million and 2 million tonnes

year.	per year.

Category	Differential Category
212	**Extractive A**
Description	**Identification**
All properties in this category are used for extractive industry purposes and include: (a) Mining leases with no activity; (b) Gravel Pits that operate only sporadically; and (c) Small extractive operations such as quarries and mines which operate with an employee base of up to and including 5 workers (employees and/or contractors). Council will be guided by the Department of Resources land use code 40 when determining the properties that fit into this category.	1. This category will cover all land used for the purpose of extracting resources from the ground and include: (a) Mining leases with no activity; (b) Gravel Pits that operate only sporadically; and (c) Small extractive operations such as quarries and mines which operate with an employee base of up to and including 5 workers (employees and/or contractors). 2. Land with land use code 40 or as otherwise identified by the CEO.

Category	Differential Category
213	**Extractive B**
Description	**Identification**
All properties in this category are used for extractive industry purposes, and include: (a) Operational Gravel Pits; and (b) Extractive operations such as quarries and mining operations with an employee base of between 6 and 50 workers (employees and/or contractors) and/or extraction volumes of less than 1 million tonnes per annum. (c) Council will be guided by the Department of Resources land use code 40 when determining the properties that fit into this category.	1. This category will cover all land used for the purpose of extracting resources from the ground and include: (a) Operational Gravel Pits; and (b) Extractive operations such as quarries and mining operations with an employee base of between 6 and 50 workers (employees and/or contractors) and/or extraction volumes of less than 1 million tonnes per annum. 2. Land with land use code 40 or as otherwise identified by the CEO.

Category	Differential Category
414	**Coal Mine**
Description	**Identification**
All properties in this category are used for the purpose of an Integrated Coal Mining operation with more than 300 workers (employees and/or contractors) and/or production greater than 2 million tonnes per year.	1. This category will cover all land used for the purpose of an Integrated Coal Mining operation, with operations that have greater than 300 workers (employees and/or contractors) and/or extraction volumes of greater than 2 million tonnes per year. A Coal Mine is defined as land that is the subject of a coal mining lease (issued pursuant to the *Mineral Resources Act 1989*) or other form of tenure that was used, is used, or intended to be used: ▪ as a coal mine (or for purposes ancillary or associated with coal mining such as, for example, washing down, stockpiling, haulage, water storage and rehabilitation); or in conjunction with other land (the subject of a coal mining lease) as part of an integrated coal mining operation. An integrated coal mining operation is defined as land contained in more than one coal mining lease (issued pursuant to the *Mineral Resources Act 1989*) or other form of tenure which land was used, is used, or intended to be used in an integrated manner for the purposes of coal mining or purposes ancillary or associated with coal mining such as, for example, washing down, stockpiling, haulage, water storage and rehabilitation.

Category	Differential Category
215	**Power Generation**
Description	**Identification**
All properties in this category are located anywhere within the South Burnett Regional Council area and are used for the purpose of electricity generation by way of coal, gas or a combination of both coal and gas fired power station with a total maximum generating capacity greater than 400 megawatts.	As identified by the CEO.

Category	Differential Category
219	**Solar/Wind Farm <5MW**
Description	**Identification**
All properties in this category are located anywhere within the South Burnett Regional Council area, used in whole or in part as a Solar/Wind Farm, capable of producing an output capacity of less than 5MW	A Solar/Wind Farm is defined as land used in whole or in part to generate or produce electricity by means of a large number of solar panels connected to the mains power grid or a cluster of wind turbines that drive electrical generators and is connected to the mains power grid. As identified by the CEO

Category	Differential Category
220	**Solar/Wind Farm 5MW to <20MW**
Description	**Identification**
All properties in this category are located anywhere within the South Burnett Regional Council area, used in whole or in part as a Solar/Wind Farm, capable of producing an output capacity of at least 5MW, but no more than 20MW	A Solar/Wind Farm is defined as land used in whole or in part to generate or produce electricity by means of a large number of solar panels connected to the mains power grid or a cluster of wind turbines that drive electrical generators and is connected to the mains power grid. As identified by the CEO

Category	Differential Category
221	**Solar/Wind Farm 20MW to <50MW**
Description	**Identification**
All properties in this category are located anywhere within the South Burnett Regional Council area, used in whole or in part as a Solar/Wind Farm, capable of producing an output capacity of at least 20MW, but no more than 50MW	A Solar/Wind Farm is defined as land used in whole or in part to generate or produce electricity by means of a large number of solar panels connected to the mains power grid or a cluster of wind turbines that drive electrical generators and is connected to the mains power grid. As identified by the CEO

Category	Differential Category
222	**Solar/Wind Farm 50MW to <100MW**
Description	**Identification**
All properties in this category are located anywhere within the South Burnett Regional Council area, used in whole or in part as a Solar/Wind Farm, capable of producing an output capacity of at least 50MW, but no more than 100MW	A Solar/Wind Farm is defined as land used in whole or in part to generate or produce electricity by means of a large number of solar panels connected to the mains power grid or a cluster of wind turbines that drive electrical generators and is connected to the mains power grid. As identified by the CEO

Category	Differential Category
223	**Solar/Wind Farm >=100MW**
Description	**Identification**
All properties in this category are located anywhere within the South Burnett Regional Council area, used in whole or in part as a Solar/Wind Farm, capable of producing an output capacity of greater than 100MW	A Solar/Wind Farm is defined as land used in whole or in part to generate or produce electricity by means of a large number of solar panels connected to the mains power grid or a cluster of wind turbines that drive electrical generators. As identified by the CEO

Category	Differential Category
224	**Transformers**
Description	**Identification**
All properties in this category are located anywhere within the South Burnett Regional Council area and are used or intended for use, in whole or in part, as a transmission/substation site with a transformer output capacity less than 1 MVA. Council will be guided by the Department of Resources land use code 91 when determining the properties that fit into this category.	Land with land use code of 91 or as otherwise identified by the CEO

Category	Differential Category
225	**Transformers >1MW**
Description	**Identification**
All properties in this category are located anywhere within the South Burnett Regional Council area and are used or intended for use, in whole or in part, as a transmission/substation site with a transformer output capacity at least 1 MVA but less than 10 MVA. Council will be guided by the Department of Resources land use code 91 when determining the properties that fit into this category.	Land with land use code of 91 or as otherwise identified by the CEO

Category	Differential Category
226	**Transformers >10MW**
Description	**Identification**
All properties in this category are located anywhere within the South Burnett Regional Council area and are used or intended for use, in whole or in part, as a transmission/substation site with a transformer output capacity of 10 MVA or greater. Council will be guided by the Department of Resources land use code 91 when determining the properties that fit into this category.	Land with land use code of 91 or as otherwise identified by the CEO

Category	Differential Category
508	**Heavy Industry**
Description	**Identification**
All properties in this category are located anywhere within the South Burnett Regional Council area and are used or intended for use, in whole or in part for Heavy Industrial purposes.	Land used for such as Abattoirs, Sawmills and Agricultural Processing Facilities. As identified by the CEO.

Category	Differential Category
101	**Multi-Units – Kingaroy**
Description	**Identification**
All properties in this category are located within the Kingaroy Urban Locality and are used solely for residential purposes. Urban Localities are defined in "Individual Urban Locality" maps series. Council will be guided by the Department of Resources land use code of 03 when determining the properties that fit into this category.	1. This category will cover all land within the Kingaroy Urban Locality where the dominant purpose for which land is used, or intended for use, is a residential purpose and not included in any other category. 2. Land with land use code of 03 or as otherwise identified by the CEO.

Category	Differential Category
100	**Multi-Units - Others**
Description	**Identification**
All properties in this category are located within Urban Localities, (excluding Kingaroy) and are used solely for residential purposes. Urban Localities are defined in "Individual Urban Locality" maps series. Council will be guided by the Department of Resources land use code of 03 when determining the properties that fit into this category.	1. This category will cover all land within the Urban Localities, (excluding Kingaroy) where the dominant purpose for which land is used, or intended for use, is a residential purpose and not included in any other category. 2. Land with land use code of 03 or as otherwise identified by the CEO

Category	Differential Category
601	**Cattle Feedlot <1,000 SCU**
Description	**Identification**
All properties in this category are located anywhere within the South Burnett area and are used or intended for use, in whole or in part, as a cattle feedlot requiring approval by Council or requiring licensing as an Environmentally Relevant Activity and having an approved capacity of 1,000 SCU or less.	As identified by the CEO.

Category	Differential Category
602	**Cattle Feedlot 1,001 SCU to 5,000 SCU**
Description	**Identification**
All properties in this category are located anywhere within the South Burnett area and are used or intended for use, in whole or in part, as a cattle feedlot requiring approval by Council or requiring licensing as an Environmentally Relevant Activity and having an approved capacity at least 1,001 SCU but not greater than 5,000 SCU.	As identified by the CEO.

Category	Differential Category
603	**Cattle Feedlot 5,001 SCU to 10,000 SCU**
Description	**Identification**
All properties in this category are located anywhere within the South Burnett area and are used or intended for use, in whole or in part, as a cattle feedlot requiring approval by Council or requiring licensing as an Environmentally Relevant Activity and having an approved capacity at least 5,001 SCU but not greater than 10,000 SCU.	As identified by the CEO.
Category	**Differential Category**
604	**Cattle Feedlot >10,000 SCU**
Description	**Identification**
All properties in this category are located anywhere within the South Burnett area and are used or intended	As identified by the CEO.

for use, in whole or in part, as a cattle feedlot requiring approval by Council or requiring licensing as an Environmentally Relevant Activity and having an approved capacity 10,000 SCU or greater.	

Category	Differential Category
611	**Piggery <3,499 SPU**
Description	**Identification**
All properties in this category are located anywhere within the South Burnett area and are used or intended for use, in whole or in part, as a piggery requiring approval by Council or requiring licensing as an Environmentally Relevant Activity and having an approved capacity of 3,499 SPU or less.	As identified by the CEO.

Category	Differential Category
612	**Piggery 3,500 SPU to 10,000 SPU**
Description	**Identification**
All properties in this category are located anywhere within the South Burnett area and are used or intended for use, in whole or in part, as a piggery requiring approval by Council or requiring licensing as an Environmentally Relevant Activity and having an approved capacity at least 3,500 SPU but not greater than 10,000 SPU.	As identified by the CEO.

Category	Differential Category
613	**Piggery 10,001 SPU to 20,000 SPU**
Description	**Identification**
All properties in this category are located anywhere within the South Burnett area and are used or intended for use, in whole or in part, as a piggery requiring approval by Council or requiring licensing as an Environmentally Relevant Activity and having an approved capacity at least 10,001 SPU but not greater than 20,000 SPU.	As identified by the CEO.

Category	Differential Category
614	**Piggery >20,000 SPU**
Description	**Identification**
All properties in this category are located anywhere within the South Burnett area and are used or intended for use, in whole or in part, as a piggery requiring approval by Council or requiring licensing as an Environmentally Relevant Activity and having an approved capacity greater than 20,000 SPU.	As identified by the CEO.

Category	Differential Category
6	**Rural**
Description	**Identification**
All properties in this category are located anywhere within the South Burnett Regional Council area, and are used for rural purpose. Council will be guided by the Department of Resources land use codes between 60 and 71, 73 and 89, and 93 when determining the properties that fit into this category.	1. This category will cover all land in the region that is used for rural purpose. 2. Is not included in any other category; and 3. Properties in this category must qualify for the Department of Resources primary producers' concession, and are identified by the land use codes below. 4. Land with land use codes 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89 and 93 or as otherwise identified by the CEO.

Category	Differential Category
419	**Water – Pumping and Storage**
Description	**Identification**
All properties in this category are used for the purpose of water storage or water pumping. Council will be guided by the Department of Resources land use code of 95 when determining the properties that fit into this category.	1. This category will cover all land used for the purpose of water storage or water pumping and not included in any other category. 2. Land with land use code 95 or as otherwise identified by the CEO.

Category	Differential Category
7	**Other**
Description	**Identification**
Any land that cannot be included in any other category.	As identified by the CEO.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

6.7 ADOPTION OF THE DIFFERENTIAL GENERAL RATES 2024/2025

RESOLUTION 2024/7

Moved: Cr Danita Potter
Seconded: Cr Jane Erkens

That pursuant to *Section 94* of the *Local Government Act 2009* and *Section 80* of the *Local Government Regulation 2012* the differential general rate to be made and levied for each differential general rate category for the year ending 30 June 2025 is as follows:

Category	Category Description	Rate in Dollar
203	Residential Land – Blackbutt	2.24210
1	Residential Land – Kingaroy	2.35020
301	Residential Land – Murgon	3.43330
201	Residential Land – Nanango	2.81800
401	Residential Land – Wondai	2.97250
3	Village	1.64770
900	Rural Residential Land	1.70540
910	Rural Residential Land – Blackbutt	1.71380
204	Commercial Land – Blackbutt	2.04180

2	Commercial Land – Kingaroy	3.03300
302	Commercial Land – Murgon	4.63450
202	Commercial Land – Nanango	2.81180
402	Commercial Land – Wondai	1.90050
600	Commercial Land - Rural	1.01940
700	Commercial Land - Village	1.64770
9	Drive-In Shopping Centre >10,000m^2	1.54410
10	Drive-In Shopping Centre 4,001m^2 – 10,000m^2	5.77900
99	Drive-In Shopping Centre 1,500m^2 – 4,000m^2	3.82400
209	Industrial Land – Blackbutt	2.53570
8	Industrial Land – Kingaroy	2.14810
308	Industrial Land – Murgon	3.10510
208	Industrial Land – Nanango	2.70740
408	Industrial Land – Wondai	2.61000
212	Extractive A	2.30670
213	Extractive B	2.52260
211	Extractive C	3.50880
414	Coal Mine	26.58220
215	Power Generation	20.88770
219	Solar/Wind Farm – <5MW	3.06000
220	Solar/Wind Farm – 5MW to <20MW	3.06000
221	Solar/Wind Farm – 20MW to <50MW	5.28800
222	Solar/Wind Farm – 50MW to <100MW	5.28800
223	Solar/Wind Farm – >=100MW	5.28800
224	Transformers	1.40530
225	Transformers >1 MW	1.60370
226	Transformers >10MW	1.58840
508	Heavy Industry	3.28210
101	Multi-units – Kingaroy	2.43110
100	Multi-units – Others	3.01670
611	Piggery <3,499 SPU	1.01940
612	Piggery 3,500 – 10,000 SPU	1.01940
613	Piggery 10,001 – 20,000 SPU	1.01940
614	Piggery >20,000 SPU	1.01940
601	Cattle Feedlot <1,000 SCU	1.01940
602	Cattle Feedlot 1,001 – 5,000 SCU	1.01940
603	Cattle Feedlot 5,001 – 10,000 SCU	1.01940
604	Cattle Feedlot >10,000 SCU	1.01940
6	Rural Land	1.01940
419	Water – Pumping and Storage	1.48350
7	Other Land	1.28170

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

6.8 MINIMUM GENERAL RATES 2024/2025

RESOLUTION 2024/8

Moved: Cr Ros Heit
Seconded: Cr Deb Dennien

That in accordance with Section 94 of the *Local Government Act 2009* and Section 77 of the *Local Government Regulation 2012,* the minimum general rate to be made and levied for the year ending 30 June 2025 for each differential general rate category, is as follows:

Category	Category Description	Minimum Rate
203	Residential Land – Blackbutt	$1,055.00
1	Residential Land – Kingaroy	$1,055.00
301	Residential Land – Murgon	$1,055.00
201	Residential Land – Nanango	$1,055.00
401	Residential Land – Wondai	$1,055.00
3	Village	$1,055.00
900	Rural Residential Land	$1,055.00
910	Rural Residential Land – Blackbutt	$1,055.00
204	Commercial Land – Blackbutt	$1,307.00
2	Commercial Land – Kingaroy	$1,307.00
302	Commercial Land – Murgon	$1,307.00
202	Commercial Land – Nanango	$1,307.00
402	Commercial Land – Wondai	$1,307.00
600	Commercial Land - Rural	$1,152.00
700	Commercial Land - Village	$1,055.00
9	Drive-In Shopping Centre >10,000m^2 floor area	$75,468.00
10	Drive-In Shopping Centre 4,000m^2 to 10,000m^2	$30,158.00
99	Drive-In Shopping Centre 1500m^2 to 4,000m^2	$10,164.00
209	Industrial Land – Blackbutt	$1,307.00
8	Industrial Land – Kingaroy	$1,307.00
308	Industrial Land – Murgon	$1,307.00
208	Industrial Land – Nanango	$1,307.00
408	Industrial Land – Wondai	$1,307.00
212	Extractive A	$1,129.00
213	Extractive B	$8,734.00
211	Extractive C	$14,777.00
414	Coal Mine	$116,962.00
215	Power Generation	$405,064.00
219	Solar/Wind Farm – <5MW	$8,164.00
220	Solar/Wind Farm – 5MW to <20MW	$16,327.00
221	Solar/Wind Farm – 20MW to <50MW	$44,312.00
222	Solar/Wind Farm – 50MW to <100MW	$75,797.00
223	Solar/Wind Farm – >=100MW	$145,762.00
224	Transformers	$1,307.00
225	Transformers > 1 MW	$1,513.00
226	Transformers > 10MW	$1,639.00
508	Heavy Industry	$1,307.00
101	Multi-units – Kingaroy	$1,106.00

100	Multi-units – Others	$1,106.00
611	Piggery <3,499 SPU	$1,117.00
612	Piggery 3,500 – 10,000 SPU	$2,793.00
613	Piggery 10,001 – 20,000 SPU	$5,585.00
614	Piggery >20,000 SPU	$11,169.00
601	Cattle Feedlot <1,000 SCU	$3,351.00
602	Cattle Feedlot 1,001 – 5,000 SCU	$4,468.00
603	Cattle Feedlot 5,001 – 10,000 SCU	$10,053.00
604	Cattle Feedlot >10,000 SCU	$14,892.00
6	Rural Land	$1,152.00
419	Water – Pumping and Storage	$1,055.00
7	Other Land	$1,055.00

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

6.9 AVERAGING LAND VALUATIONS 2024/2025

RESOLUTION 2024/9

Moved: Cr Deb Dennien
Seconded: Cr Linda Little

That pursuant to *Sections 74* and *76* of the *Local Government Regulation 2012* for the purpose of making and levying differential general rates for the 2024/2025 financial year, the rateable value of land is the three (3) year averaged value of land.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

6.10 BUSINESS ACTIVITIES 2024/2025

RESOLUTION 2024/10

Moved: Cr Linda Little
Seconded: Cr Ros Heit

That in relation to Council's Business activities:

1. In accordance with the *Local Government Act 2009 (Division 2, Section 43*) and the *Local Government Regulation 2012,* Council determines that as shown in the Statement of Significant Business Activities (Table 1), it has no significant business activities that meet the threshold set as per *Section 19* of the *Local Government Regulation 2012.*
2. Council determines that those Business Activities categorised as prescribed business activities and listed in the statement of prescribed and other business activities (Table 2) are those activities that meet the prescribed activity threshold of $340,000 or more in accordance with *Section 39* of the *Local Government Regulation 2012.*

3. Council resolve not to apply the Code of Competitive Conduct to any business activity in 2024/2025 in accordance with the *Local Government Act 2009 Section 47(7)* and the *Local Government Regulation 2012*.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

6.11 SPECIAL CHARGE - RURAL FIRE BRIGADES 2024/2025

RESOLUTION 2024/11

Moved: Cr Ros Heit
Seconded: Cr Heath Sander

That pursuant to *Section 94* of the *Local Government Act 2009* and *Section 94* of the *Local Government Regulation 2012* and *Section 128A* of the *Fire and Emergency Services Act 1990:*

1. Council make and levy a special charge (to be known as the Rural Fire Levy Special Charge) of $25 per rateable assessment, on all rateable land within the region to which the overall plan applies, that also attracts a Class E Emergency Management Levy (pursuant to *Part 3* of the *Fire and Emergency Services Regulation 2011*) to fund the operations of the rural fire brigades that operate throughout the rural areas of the South Burnett Region.
2. The overall plan for the Rural Fire Levy Special Charge is as follows:
   (a) the rateable land to which the plan applies is all rateable land within the region, other than rateable land that is liable to pay an urban district fire levy (pursuant to *Section 107* of the *Fire and Emergency Services Act 1990*).
   (b) the service, facility or activity for which the plan is made is the ongoing provision and maintenance of rural fire-fighting equipment for the rural fire brigades that operate throughout the rural areas of the region.
   (c) the time for implementing the overall plan is 1 year commencing 1 July 2024 and ending 30 June 2025.
   (d) the estimated cost of implementing the overall plan for the 2024/2025 year is $214,525.
   (a) the level of contribution each brigade receives will be decided by the Local Area Rural Fire Services Committee.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

6.12 ADOPTION OF DISCOUNT ON RATES 2024/2025

RESOLUTION 2024/12

Moved: Cr Danita Potter
Seconded: Cr Linda Little

That pursuant to *Section 130* of the *Local Government Regulation 2012*, the differential general rates, wastewater utility charges, water access charges, refuse collection charges (including recycling) made and levied shall be subject to an early payment discount of 10% if paid within the discount period of thirty (30) days of the date of issue of the rate notice provided that:

1. all of the aforementioned rates and charges are paid within thirty (30) days of the date of issue of the rate notice;
2. all other rates and charges appearing on the rate notice (that are not subject to discount) are paid within thirty (30) days of the date of issue of the rate notice; and
3. all other overdue rates and charges relating to the rateable assessment are paid within thirty (30) days of the date of issue of the rate notice.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

6.13 ADOPTION OF EXEMPTIONS AND CONCESSIONS ON VARIOUS SPECIAL, SEPARATE AND UTILITY CHARGES 2024/2025

RESOLUTION 2024/13

Moved: Cr Danita Potter
Seconded: Cr Heath Sander

That:

1. pursuant to *Section 93* of the *Local Government Act 2009* Council provides an exemption of differential general rates and separate charges for properties as identified within the categories per the table below.
2. pursuant to *Sections 120, 121* and *122* of the *Local Government Regulation 2012*, Council grants a rebate for various rates and charges for the financial year ending 30 June 2025 as identified in the table below and subject to the following:
    (a) Property owners must notify Council immediately if there is a substantive change in land use for a property that is receiving a rate concession.
    (b) Applications received during the current financial year that fall within the categories below, will be granted a rate concession following the passing of a resolution by Council.
    (c) If a property has been granted a rate concession in the previous financial year, the owner will not be required to re-apply to receive the rate concession for the current financial year. However, proof of ongoing eligibility will be required if requested.

Concession Category	Differential General Rates	Separate Rates	Water Access	Sewerage Access	Waste Bin
Queensland Country Women's Association	100%	100%	75%	75%	0%
Youth Accommodation	100%	100%	0%	0%	0%
Youth Groups – Scouts, Guides	100%	100%	100%	100%	100%
Seniors and Welfare Groups	100%	100%	50%	50%	0%
Kindergartens	100%	100%	50%	50%	0%
Service and Other Clubs	100%	100%	75%	75%	0%
Show Grounds	100%	100%	50%	50%	0%
Race Grounds	100%	100%	0%	0%	0%
Museums, Theatres, Heritage	100%	100%	100%	100%	0%
Sporting Groups and Associations	100%	100%	75%	75%	0%
Charitable Organisations	100%	100%	0%	0%	0%
Community Owned Halls	100%	100%	0%	0%	0%

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

6.14 ADOPTION OF THE CONCESSION OF WATER CONSUMPTION CHARGES - HAEMODIALYSIS MACHINES 2024/2025

RESOLUTION 2024/14

Moved: Cr Danita Potter
Seconded: Cr Deb Dennien

1. That pursuant to *Sections 120, 121* and *122* of the *Local Government Regulation 2012*, Council allows an annual rebate of 190KL on the water usage to any patient who qualifies for and operates a home Haemodialysis Machine supplied by Queensland Health.

2. The owner of the testable Backflow Prevention Device that supplies water to a home Haemodialysis Machine is exempted from the Yearly Lodgement Fee. The Form 9 and testing remains a requirement under plumbing legislation.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

6.15 ADOPTION OF THE SETTING OF CONCESSION ON RATES AND CHARGES FOR APPROVED PENSIONERS 2024/2025

RESOLUTION 2024/15

Moved: Cr Ros Heit
Seconded: Cr Heath Sander

That pursuant to *Sections 120, 121* and *122* of the *Local Government Regulation 2012*, a rebate of rates be granted to all ratepayers who are pensioners and who are eligible for the Queensland Government pensioner remission.

The rebate will be set at:

1. Twenty percent of the differential general rate, sewerage utility charges, water utility charges and waste/refuse utility charges; and
2. The maximum concession granted per property shall be capped at $200 per annum.
3. An additional concession of 50% of the waste recycling collection charge be allowed for eligible pensioners who pay for a recycling service.
4. Eligibility will be based on the below criteria in accordance with Policy and Procedures for the Queensland Government Pensioner Rate Subsidy Scheme.
    (a) The pensioner must hold an eligible Pensioner Concession Card or DVA Gold Card (for all conditions)
    (b) Property where the subsidy is applied for must be the pensioners principle place of residence
    (c) The pensioner must be listed on the Certificate of Title of the property

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

6.16 ADOPTION OF WAIVING MINIMUM GENERAL RATES 2024/2025

RESOLUTION 2024/16

Moved: Cr Jane Erkens
Seconded: Cr Danita Potter

That pursuant to *Sections 120, 121* and *122* of the *Local Government Regulation 2012*, Council grants a rebate equal to the full value of the separate charges and part of the differential general rates equal to the difference between the Minimum Differential General Rate for the appropriate category and the rate calculated using the rate in the dollar and the valuation for the properties identified hereunder:

1. Any rateable land held as a Permit to Occupy for water facility purposes, namely bore and pump site and associated purposes only.
2. Properties that are small parcels of land worked in conjunction with properties held in the same ownership and identified in table hereunder:

Assess No	Property Description and Location
31384	Hebbel Drive, Tablelands
31598-1	Bradleys Road, Wooroonden

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

6.17 INTEREST ON OVERDUE RATES 2024/2025

RESOLUTION 2024/17

Moved: Cr Jane Erkens
Seconded: Cr Linda Little

1. That pursuant to *Section 133* of the *Local Government Regulation 2012*, compound interest on daily rests at the rate of eight point one seven percent (8.17%) per annum is to be charged on all overdue rates or charges.
2. South Burnett Regional Council determine that rates or charges will be considered as overdue for the charging of interest if they remain unpaid after sixty (60) days from the due date of the relevant rate notice.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

6.18 LEVY AND PAYMENT OF RATES AND CHARGES 2024/205

RESOLUTION 2024/18

Moved: Cr Deb Dennien
Seconded: Cr Ros Heit

That:

1. pursuant to *Section 107* of the *Local Government Regulation 2012* and *Section 114* of the *Fire and Emergency Services Act 1990*, Council's rates and charges, and the State Government's Emergency Management, Fire and Rescue Levy be levied:
   (a) for the half of the year 1 July 2024 to 31 December 2024 – in August 2024; and
   (b) for the half year 1 January 2025 to 30 June 2025 – in February 2025.
2. pursuant to *Section 118* of the *Local Government Regulation 2012,* that Council's rates and charges, and the State Government's Emergency Management, Fire and Rescue Levy, be paid within thirty (30) days of the issue of the rate notice.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

6.19 PROSTON COMMON EFFLUENT DISPOSAL UTILITY CHARGES 2024/2025

RESOLUTION 2024/19

Moved: Cr Linda Little
Seconded: Cr Danita Potter

That pursuant to *Section 94* of the *Local Government Act 2009* and *Section 99* of the *Local Government Regulation 2012* Council make and levy sewerage utility charges, for the supply of sewerage services by the Council, as follows:

The following utility charges be made and levied for the provision of a Common effluent disposal system for the year ended 30 June 2025:

1. In respect of all lands and premises which are connected to Council's Common effluent disposal system:
   (a) For the first pedestal connected to the system, a charge of $476.00 per annum per pedestal.
   (b) Other than additional pedestals installed in a private residence for the sole use of the occupier and their family, all additional pedestals will be levied a charge of:
      (i) $381.00 per annum per additional pedestal for hospital and education facilities
      (ii) $381.00 per annum per additional pedestal for all other categories.
   (c) Where any premises not connected to the Council Common system, become connected during the year, the charges under Clause (a) (1) shall become operative from the date of connection, with proportionate rebate from that date.
   (d) A charge of $99.00 per annum will apply to vacant land that is capable of being connected to the system.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

Attendance

At 10:15 am, Cr Danita Potter left the meeting.

At 10:17 am, Cr Danita Potter returned to the meeting.

6.20 SEPARATE CHARGE - COMMUNITY RESCUE AND EVACUATION 2024/2025

RESOLUTION 2024/20

Moved: Cr Jane Erkens
Seconded: Cr Heath Sander

That pursuant to *Section 94* of the *Local Government Act 2009* and *Section 103* of the *Local Government Regulation 2012*, Council make and levy a separate charge (to be known as the "Community Rescue and Evacuation Separate Charge"), in the sum of $5.00 per rateable assessment, to be levied equally on all rateable land in the region, for the purpose of sponsoring the aerial emergency rescue and evacuation transport providers that service the South Burnett Region.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

6.21 SEPARATE CHARGE - WASTE MANAGEMENT LEVY 2024/2025

RESOLUTION 2024/21

Moved: Cr Linda Little
Seconded: Cr Ros Heit

That pursuant to *Section 94* of the *Local Government Act 2009* and *Section 103* of the *Local Government Regulation 2012*, Council make and levy a separate charge (to be known as the "Waste Management Separate Charge"), in the sum of $213.00 per rateable assessment, to be levied equally on all rateable land in the region, for the purpose of:

1. providing and maintaining waste facilities and services that are not met from other fees and charges collected on a user pays basis; and
2. meeting public expectations in matters associated with the disposal and management of refuse that affect public health and visual amenity of the area.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

6.22 SETTING OF WASTEWATER UTILITY CHARGES 2024/2025

RESOLUTION 2024/22

Moved: Cr Danita Potter
Seconded: Cr Deb Dennien

That pursuant to *Section 94* of the *Local Government Act 2009* and *Section 99* of the *Local Government Regulation 2012*, Council make and levy sewerage utility charges, for the supply of sewerage services by the Council, as follows:

In respect of all lands and premises which are connected to, or capable of connection to, Councils reticulated sewerage systems, the following utility charges be made and levied for the provision of wastewater services for the year ended 30 June 2025, except for the Proston Common Effluent Disposal System:

1. In respect of all lands and premises which are connected to Council's wastewater Systems:
    (a) For the first pedestal per building connected to any of Council's wastewater systems, a charge of $808.00 per annum per pedestal.
    (b) Other than additional pedestals installed in a private residence for the sole use of the occupier and their family, all additional pedestals per building will be levied a charge of:
        (i) $646.00 per annum per additional pedestal for hospital and education facilities
        (ii) $646.00 per annum per additional pedestal for all other categories.
    (c) In respect of each allotment of Vacant Land rateable under the *Local Government Act 2009* situated within the declared wastewater areas defined in "Schedule A of the Revenue Statement" except for the Proston Common Effluent Disposal System, a charge of $582.00 per annum will apply.

(d) Where any premises not connected to the Council's wastewater system, become connected during the year, the charges under clause (a)(1) shall become operative from the date of connection, with proportionate rebate from that date, of those made under Clause (a)(3).

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

6.23 SPECIAL CHARGE - ANNUAL IMPLEMENTATION PLAN ROAD MAINTENANCE BURRA BURRI ROAD QUARRY 2024/2025

RESOLUTION 2024/23

Moved: Cr Linda Little
Seconded: Cr Ros Heit

That pursuant to *Section 94* of the *Local Government Act 2009* and *Section 94* of the *Local Government Regulation 2012:*

1. Council make and levy a special charge of $10,696.77 on the Burra Burri Road Quarry situated on land described as Lot 67 on BO576 or 1229 Burra Burri Road, Durong in the 2024/2025 financial year, to fund Road Maintenance and Reconstruction costs associated with the operation of the extractive industry operation at the site; and
2. That Council adopts the Annual Implementation Plan and the proposed special charge for 2024/2025 financial year pursuant to the Revenue Policy 2024/2025 and the Revenue Statement 2024/2025.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

6.24 SPECIAL CHARGE - ANNUAL IMPLEMENTATION PLAN ROAD MAINTENANCE MANAR ROAD QUARRY 2024/2025

RESOLUTION 2024/24

Moved: Cr Danita Potter
Seconded: Cr Linda Little

That pursuant to *Section 94* of the *Local Government Act 2009* and *Section 94* of the *Local Government Regulation 2012:*

1. Council does not levy a special charge on the Manar Road Quarry situated on land described as Lot 7 on BO179 or 1551 Manar Road, Boondooma in the 2024/2025 financial year, as the quarry has not commenced significant operations; and
2. That Council adopts the Annual Implementation Plan and the proposed special charge for 2024/2025 financial year pursuant to the Revenue Policy 2024/2025 and the Revenue Statement 2024/2025.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

6.24.1 QUESTION ON NOTICE - SPECIAL CHARGE - ANNUAL IMPLEMENTATION PLAN

Question on notice from Cr Erkens:

Are we able to place this special charge on other industries – eg. Logging?

6.25 SPECIAL CHARGE - ANNUAL IMPLEMENTATION PLAN ROAD MAINTENANCE TIM DWYER ROAD QUARRY 2024/2025

RESOLUTION 2024/25

Moved: Cr Ros Heit
Seconded: Cr Deb Dennien
That pursuant to *Section 94* of the *Local Government Act 2009* and *Section 94* of the *Local Government Regulation 2012:*

1. Council does not levy a special charge on the Tim Dwyer Road Quarry situated on land described as Lot 169 on CSH697 or 79 Tim Dwyer Road, East Nanango in the 2024/2025 financial year, as the quarry has not commenced significant operations; and
2. That Council adopts the Annual Implementation Plan for the 2024/2025 financial year pursuant to the Revenue Policy 2024/2025 and the Revenue Statement 2024/2025.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

6.26 SPECIAL CHARGE - ANNUAL IMPLEMENTATION PLAN ROAD MAINTENANCE WATTLEGROVE ROAD QUARRY 2024/2025

RESOLUTION 2024/26

Moved: Cr Danita Potter
Seconded: Cr Linda Little

That pursuant to *Section 94* of the *Local Government Act 2009* and *Section 94* of the *Local Government Regulation 2012:*

1. Council make and levy a special charge (to be known as the Kingaroy Quarry Supplies - Wattlegrove Road Special Charge) of $9,139.00 on land described as Lot 2 on SP 341268 (previously Lot 459 on FY1925) and situated at 1304 Wattlegrove Road, Wattle Grove to fund Road Maintenance and Reconstruction costs associated with the operation of the extractive industry operation at the site, and
2. That Council adopts the Annual Implementation Plan and the proposed special charge for 2024/2025 financial year pursuant to the Revenue Policy 2024/2025 and the Revenue Statement 2024/2025.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

6.27 SPECIAL CHARGE - ANNUAL IMPLEMENTATION PLAN ROAD MAINTENANCE WILSONS ROAD QUARRY 2024/2025

RESOLUTION 2024/27

Moved: Cr Ros Heit
Seconded: Cr Deb Dennien

That pursuant to *Section 94* of the *Local Government Act 2009* and *Section 94* of the *Local Government Regulation 2012:*

1. Council make and levy a special charge (to be known as the Gordonbrook Sand Quarry - Wilsons Road Special Charge) of $8,035.09 on land described as Lot 49 on BO544 and situated at Wilsons Road, Gordonbrook to fund Road Maintenance and Reconstruction costs associated with the operation of the extractive industry operation at the site, and
2. That Council adopts the Annual Implementation Plan and the proposed special charge for 2024/2025 financial year pursuant to the Revenue Policy 2024/2025 and the Revenue Statement 2024/2025.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

6.28 WASTE COLLECTION UTILITY CHARGES 2024/2025

RESOLUTION 2024/28

Moved: Cr Jane Erkens
Seconded: Cr Danita Potter

That in accordance with *Section 94* of the *Local Government Act 2009* and *Section 99* of the *Local Government Regulation 2012* Council make and levy waste management utility charges, for the supply of waste management services (including the storage, collection and removal of general waste) on all land and structures to which a waste management service is supplied or, in the case of rateable land which is occupied, made available by Council as follows:

1. Council's Discretion to Levy Waste Management Utility Charges
    (a) If premises are in an area in which Council conducts or will conduct general waste collection, Council may levy waste management utility charges having regard to:
        (i) the nature and volume of general waste produced, or to be produced, as a result of the ordinary use or occupation of the premises; and
        (ii) the number of standard general waste containers supplied to the premises; and
        (iii) the size and type of each standard general waste container supplied to the premises; and
        (iv) the nature of the general waste stored, or to be stored, in each standard general waste container, for example, whether the standard general waste container is set aside for the storage of:
            (1) commercial waste; or
            (2) domestic waste; or
            (3) recyclable waste (but excluding green waste); or

(4) recyclable waste (but limited to green waste); and

(v) how often Council will arrange for the collection of general waste from each standard general waste container supplied to the premises.

(b) For the avoidance of doubt, in making a determination about the levying of waste management utility charges for premises, from time to time, Council is not obliged to have regard to:

(i) the extent to which the owner or occupier of the premises elects to utilise, for the storage of general waste, one (1) or more of the standard general waste containers supplied to the premises for, or on behalf of, Council; or

(ii) the extent to which the owner or occupier of the premises elects to utilise, for the storage of general waste, one (1) or more containers, other than standard general waste containers supplied to the premises for, or on behalf of, Council.

(c) Council delegates, to the Chief Executive Officer of Council, the power to make a determination about the levying of waste management utility charges for premises having regard to the criteria specified (service category) in Section 2 below.

2. Waste Management Utility Charges for the Collection of General Waste

Service Category	Charge per Service
A weekly collection service for the collection of domestic waste from a 240-litre waste container servicing domestic premises in the designated waste collection area for Blackbutt, Crawford, Hivesville, Kingaroy, Kumbia, Memerambi, Murgon, Nanango, Proston, Tingoora, Wattlecamp, Wondai or Wooroolin and prescribed Villages (other than the Bunya Mountains) and some specifically identified sub divisional areas.	$204.00
An optional weekly collection service for the collection of domestic waste from a 240-litre waste container servicing domestic premises not situated in the designated waste collection area for Blackbutt, Crawford, Hivesville, Kingaroy, Kumbia, Memerambi, Murgon, Nanango, Proston, Tingoora, Wattlecamp, Wondai or Wooroolin and prescribed Villages (also not situated in the Bunya Mountains) and some specifically identified sub divisional areas.	$204.00
A weekly collection service for the collection of commercial waste from a 240-litre waste container servicing commercial premises in the designated waste collection area for Blackbutt, Crawford, Hivesville, Kingaroy, Kumbia, Memerambi, Murgon, Nanango, Proston, Tingoora, Wattlecamp, Wondai or Wooroolin and prescribed Villages (other than the Bunya Mountains) and some specifically identified sub divisional areas.	$289.00
An optional weekly collection service for the collection of commercial waste from a 240-litre waste container servicing commercial premises not situated in the designated waste collection area for Blackbutt, Crawford, Hivesville, Kingaroy, Kumbia, Memerambi, Murgon, Nanango, Proston, Tingoora, Wattlecamp, Wondai or Wooroolin and prescribed Villages (and also not situated in the Bunya Mountains) and some specifically identified sub divisional areas.	$289.00
Bunya Mountains waste management utility charge	$245.00

The Bunya Mountains waste management utility charge is a separate utility charge levied in respect of: (a) the complexity and difficulty of waste management service provision for the Bunya Mountains; and (b) the collection of domestic waste from domestic premises situated in the Bunya Mountains in circumstances where the domestic waste is deposited in, and collected from, bulk waste containers which are set aside for the collection of domestic waste at the Bunya Mountains.	

Service Category	Charge per Service
A fortnightly collection service for the collection of recyclable waste from a 240-litre waste container servicing domestic premises in the designated waste collection area for Blackbutt, Crawford, Hivesville, Kingaroy, Kumbia, Memerambi, Murgon, Nanango, Proston, Tingoora, Wattlecamp, Wondai or Wooroolin and prescribed Villages (other than the Bunya Mountains) and some specifically identified sub divisional areas.	$78.00
An optional fortnightly collection service for the collection of recyclable waste from a 240-litre waste container servicing domestic premises not situated in the designated waste collection area for Blackbutt, Crawford, Hivesville, Kingaroy, Kumbia, Memerambi, Murgon, Nanango, Proston, Tingoora, Wattlecamp, Wondai or Wooroolin and prescribed Villages (also not situated in the Bunya Mountains) and some specifically identified sub divisional areas.	$78.00
A fortnightly collection service for the collection of recyclable waste from a 240-litre waste container servicing commercial premises in the designated waste collection area for Blackbutt, Crawford, Hivesville, Kingaroy, Kumbia, Memerambi, Murgon, Nanango, Proston, Tingoora, Wattlecamp, Wondai or Wooroolin and prescribed Villages (other than the Bunya Mountains) and some specifically identified sub divisional areas.	$78.00
An optional fortnightly collection service for the collection of recyclable waste from a 240-litre waste container servicing commercial premises not situated in the designated waste collection area for Blackbutt, Crawford, Hivesville, Kingaroy, Kumbia, Memerambi, Murgon, Nanango, Proston, Tingoora, Wattlecamp, Wondai or Wooroolin and prescribed Villages (and also not situated in the Bunya Mountains) and some specifically identified sub divisional areas.	$78.00

3. Definitions

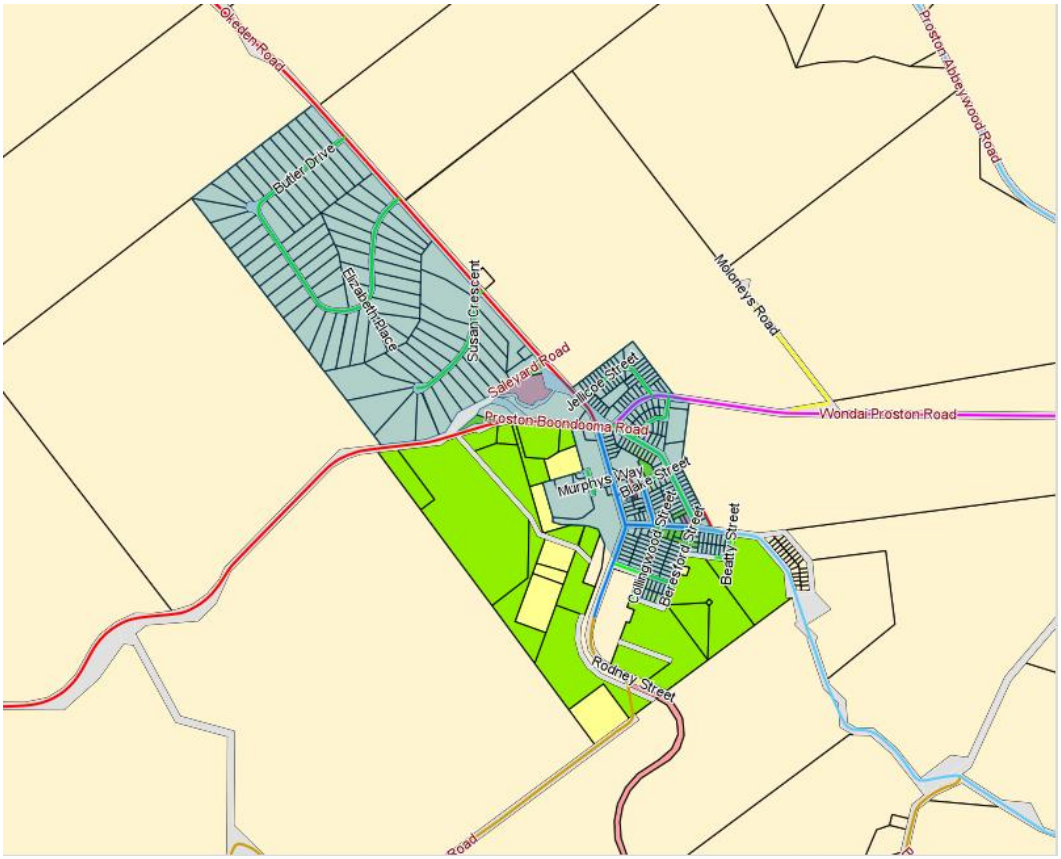
The following definitions apply:

bulk waste container	means a waste container with a capacity of 1m^3 or more.
commercial premises	means any of the following types of premises: (a) a hotel, motel, caravan park, cafe, food store or canteen;

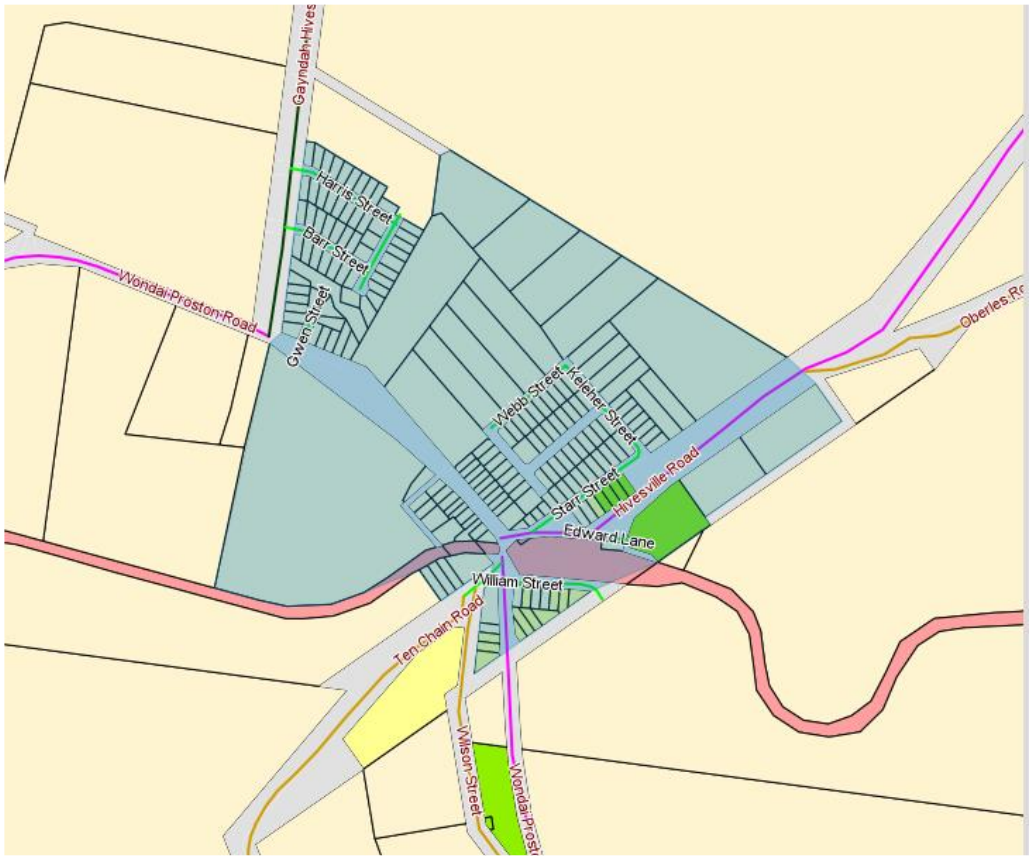
	(b) an assembly building, institutional building, kindergarten, child minding centre, school or other building used for education; (c) premises where a sport or game is ordinarily played in public; (d) an exhibition ground, show ground or racecourse; (e) an office, shop or other premises where business or work, other than a manufacturing process, is carried out; (f) a church, or other building, used as a place of worship, or for religious purposes.
commercial waste	means waste, other than green waste, recyclable waste, interceptor waste or waste discharged to a sewer, produced as a result of the ordinary use or occupation of commercial premises.
designated waste collection area	means an area which Council has, by resolution, designated as an area in which Council may conduct general waste or green waste collection. Maps of the designated waste collection areas adopted on 13 June 2018 are attached.
domestic clean-up waste	means non-putrescible, dry and inoffensive waste, other than green waste or recyclable waste, produced as a result of a clean-up of domestic premises.
domestic premises	means any of the following types of premises: (a) a single unit private dwelling; (b) premises containing 2 or more separate flats, apartments or other dwelling units; (c) a boarding house, hostel, lodging house or guest house.
domestic waste	means waste, other than domestic clean-up waste, green waste, recyclable waste, interceptor waste or waste discharged to a sewer, produced as a result of the ordinary use or occupation of domestic premises.
general waste	means: (a) waste other than regulated waste; and (b) any of the following: (i) commercial waste; (ii) domestic waste; (iii) recyclable waste.
green waste	grass cuttings, trees, bushes, shrubs, loppings of trees, bushes or shrubs, or similar matter produced as a result of the ordinary use or occupation of premises.
interceptor	has the meaning given in *Local Law No. 6 (Waste Management) 2018.*
interceptor waste	has the meaning given *in Local Law No. 6 (Waste Management) 2018.*
manufacturing process	means a handicraft or other process relating to adapting, altering, assembling, cleaning, finishing, making, ornamenting, preparing, renovating, repairing, washing, or wrecking goods for trade, sale or gain or otherwise in connection with a business.
occupier of premises	means the person who has the control or management of the premises.
owner of premises	means the person for the time being entitled to receive the rent for the premises or would be entitled to receive the rent for it if it were let to a tenant at a rent.

premises	includes each of the following: (a) domestic premises; (b) government premises; (c) industrial premises; (d) commercial premises; (e) a building and the land on which a building is situated.
rateable land	see *Local Government Act 2009*, Section 93(2).
recyclable waste	means clean and inoffensive waste that is declared by Council to be recyclable waste for the local government area of Council.
regulated waste	see the *Environmental Protection Regulation 2008*.
standard general waste container	means a container of a type approved by Council for storing domestic waste, commercial waste or recyclable waste at premises in the local government area of Council.
waste container	see standard general waste container.
waste	see *Environmental Protection Act 1994*, Section 13, and includes anything that is specified to be waste under *Local Law No. 6 (Waste Management) 2018*.

Proston Designated Waste Collection Area



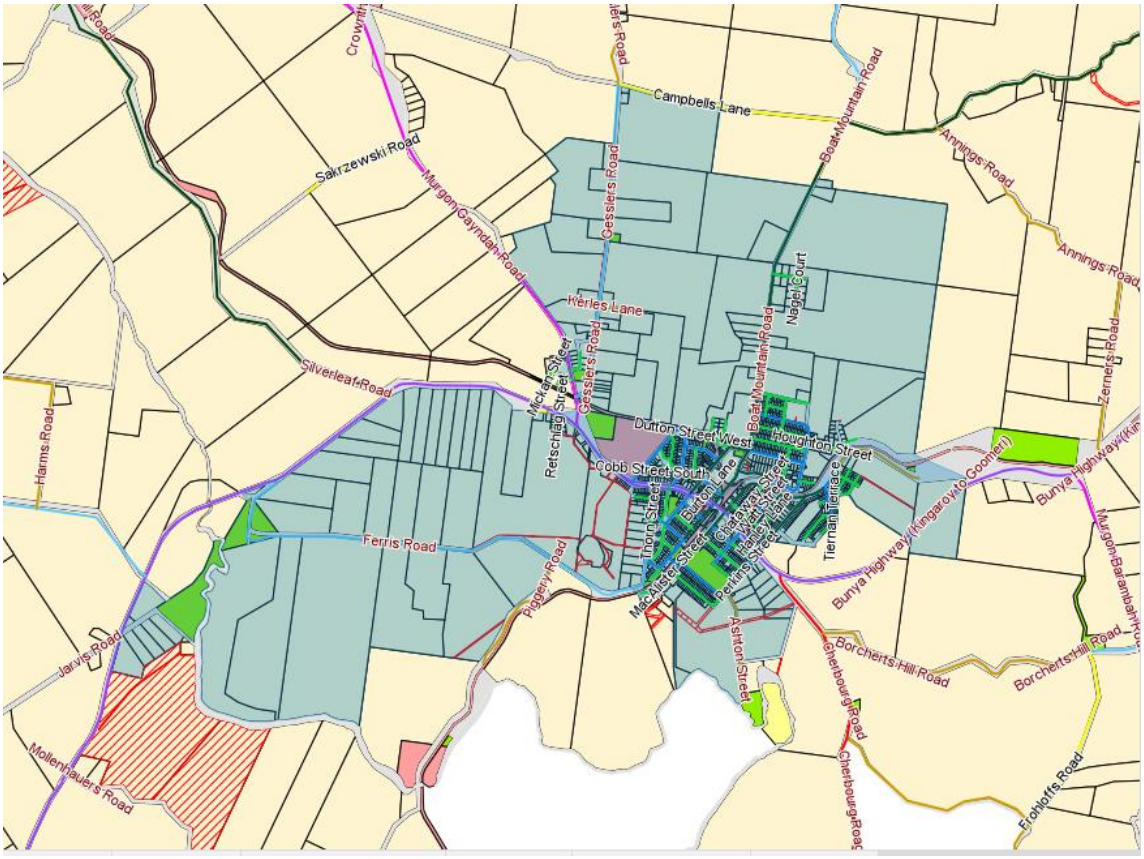
Hivesville Designated Waste Collection Area



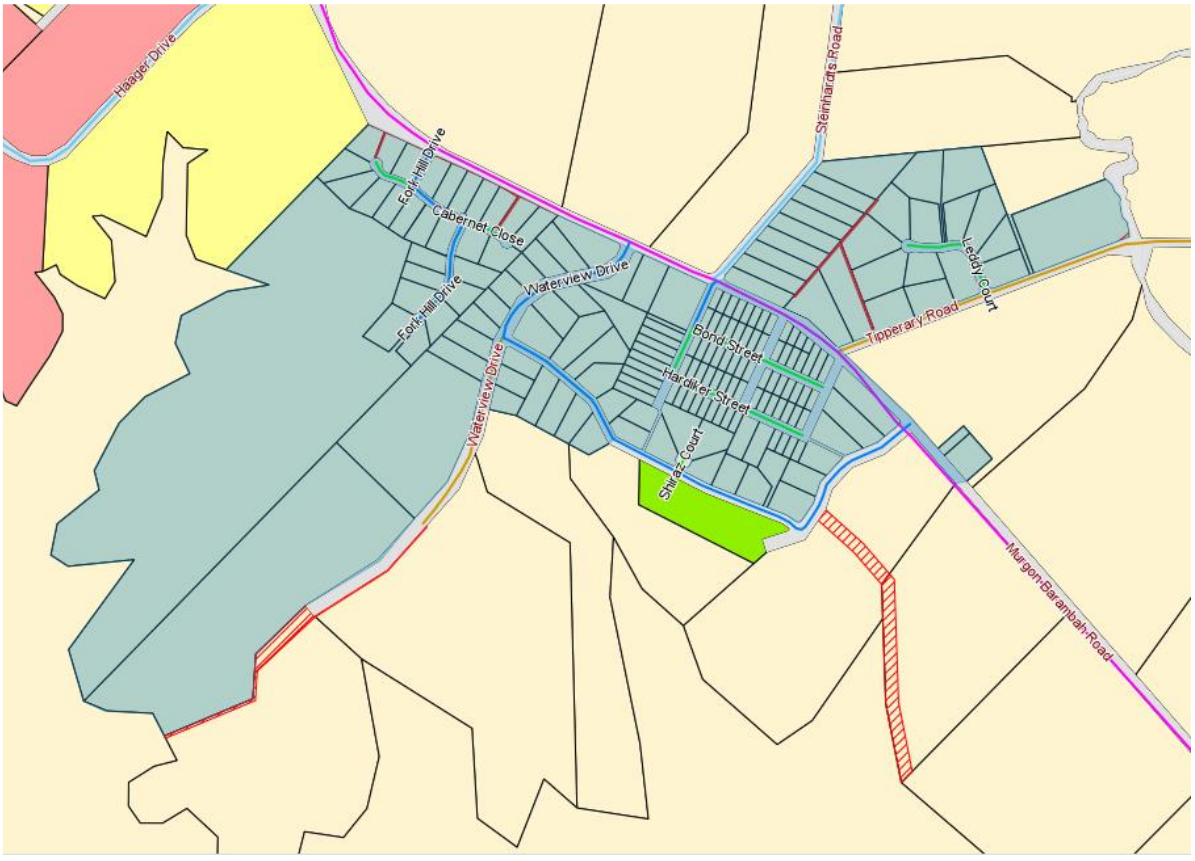
Mondure Designated Waste Collection Area



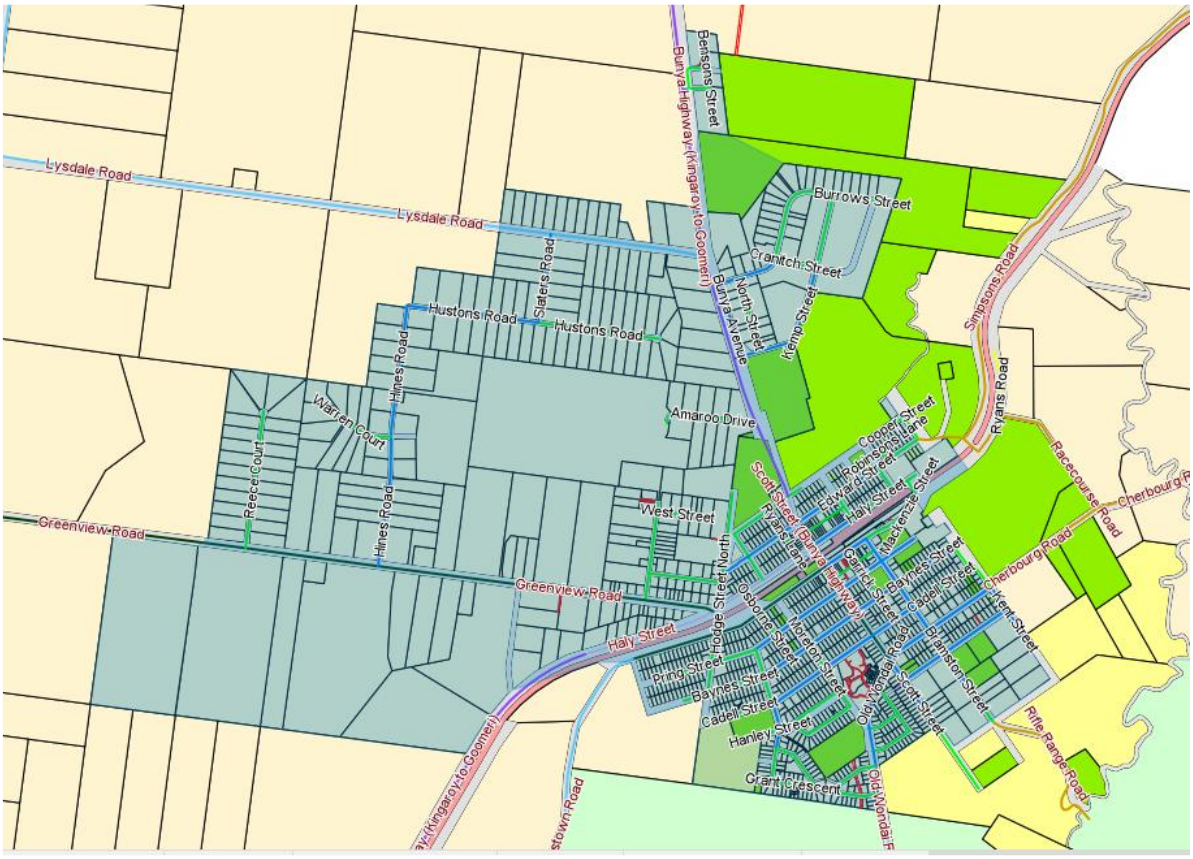
Murgon Designated Waste Collection Area



Moffatdale Designated Waste Collection Area



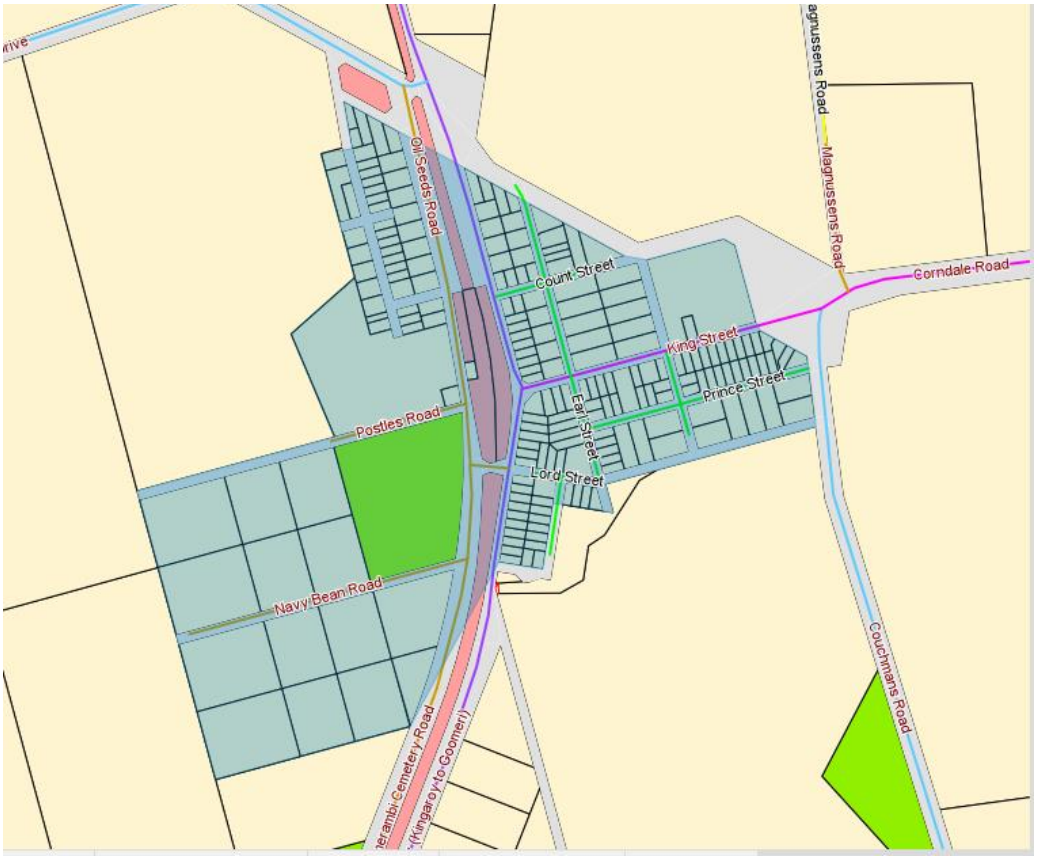
Wondai Designated Waste Collection Area



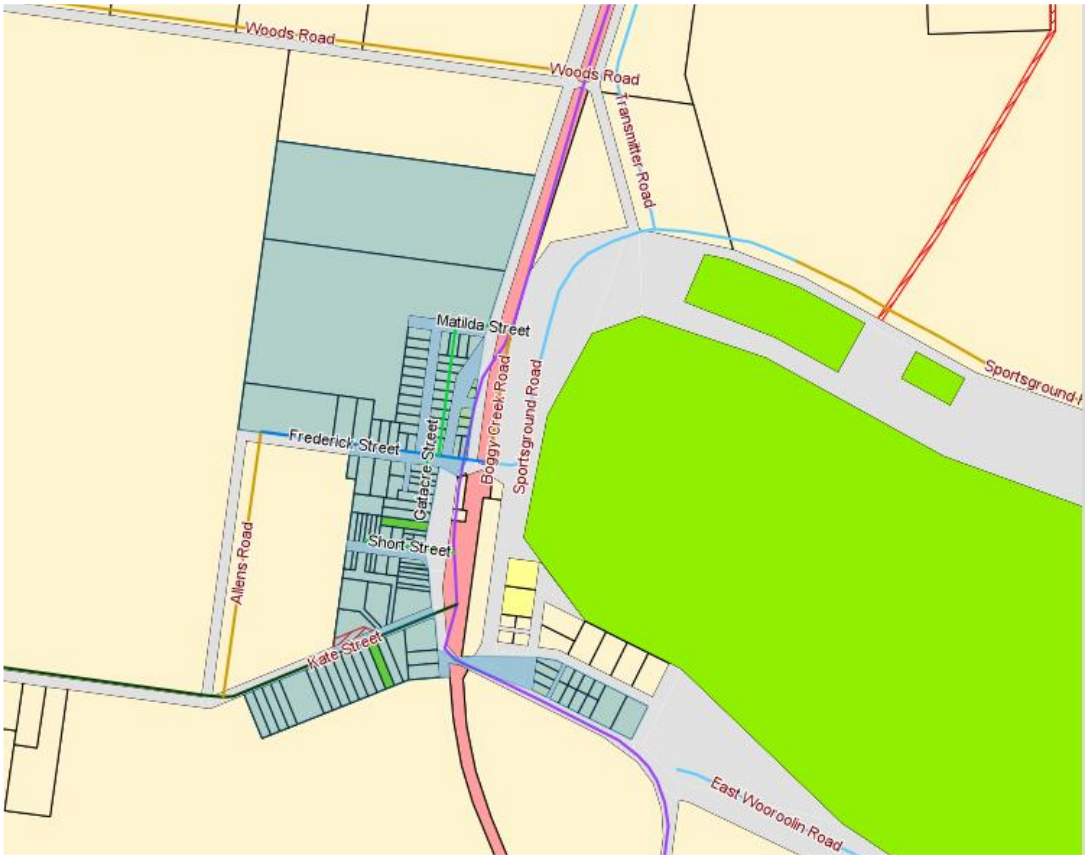
Tingoora Designated Waste Collection Area



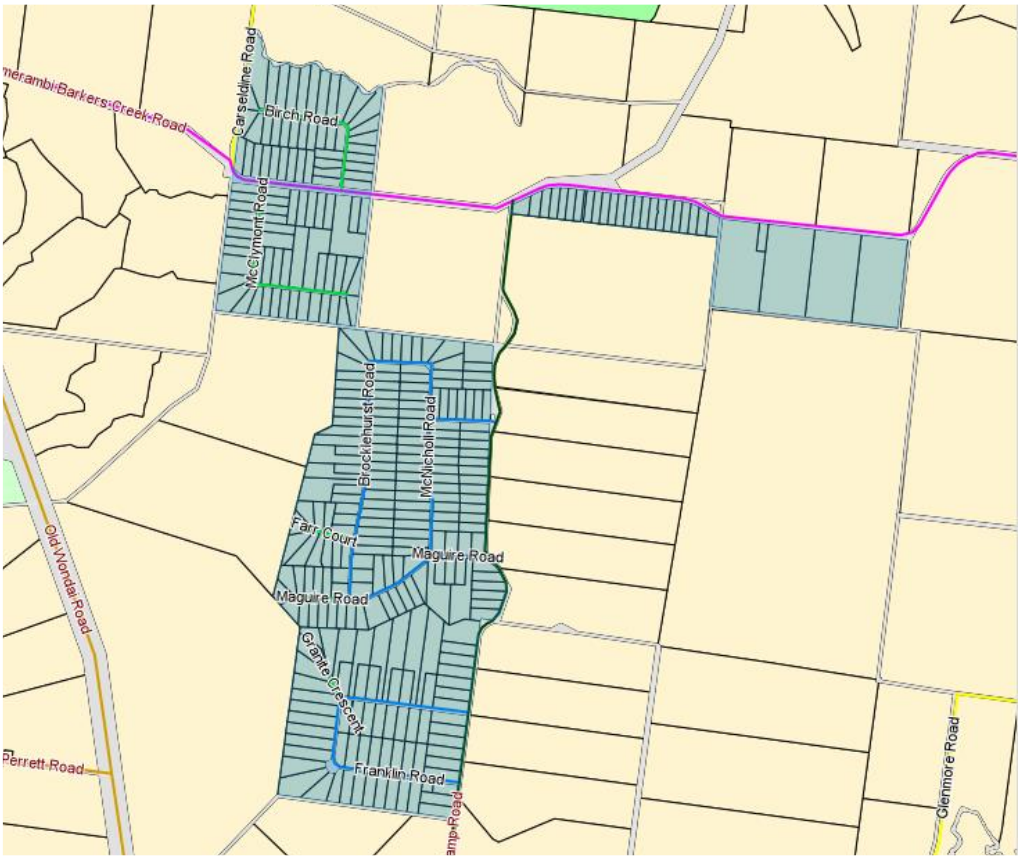
Memerambi Designated Waste Collection Area



Wooroolin Designated Waste Collection Area



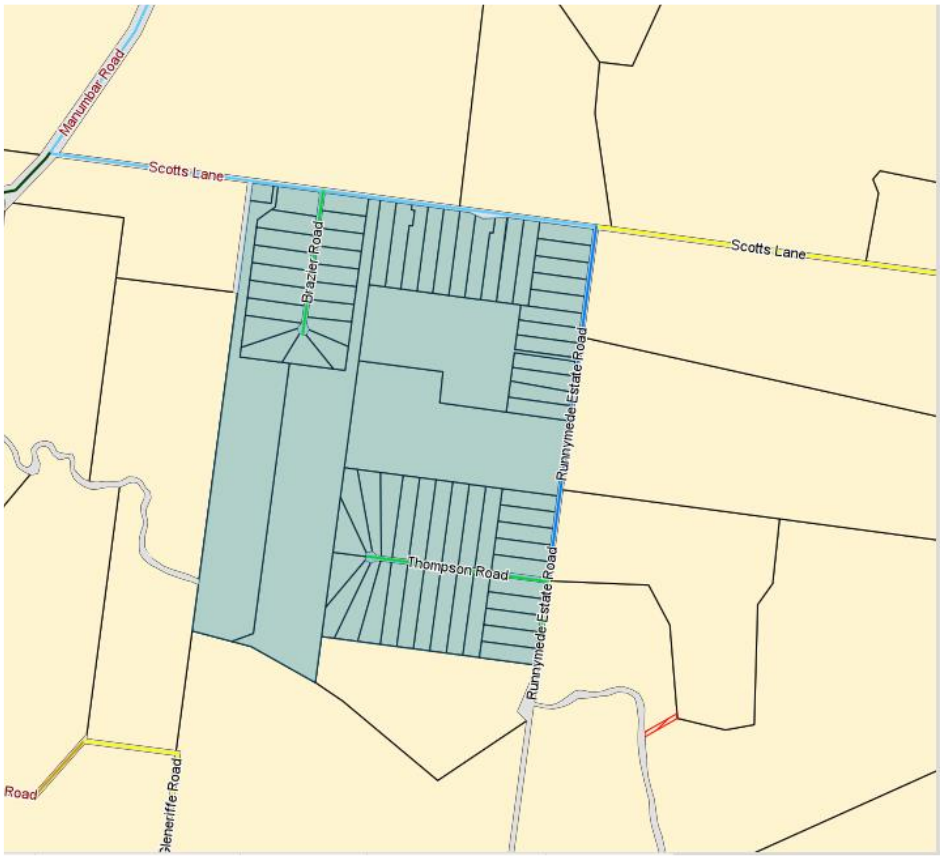
Wattlecamp Designated Waste Collection Area



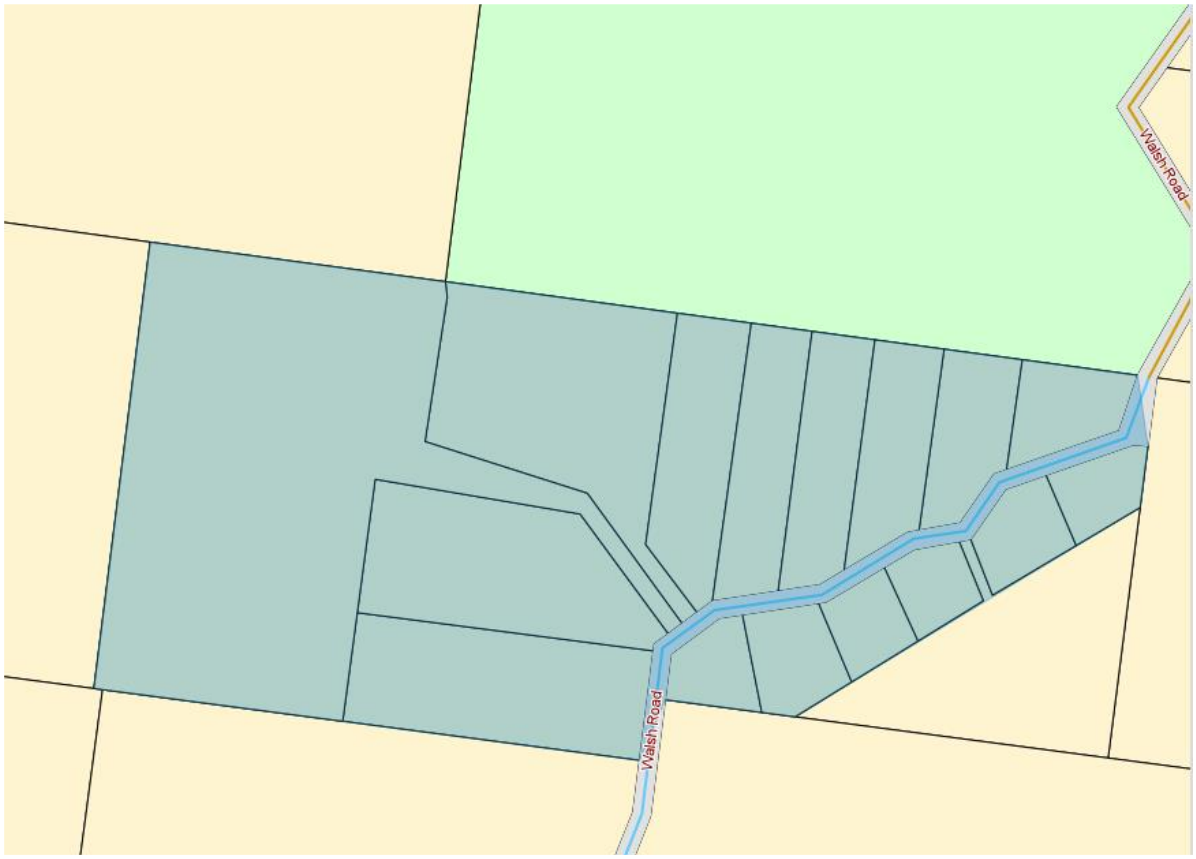
Sandy Ridges Designated Waste Collection Area



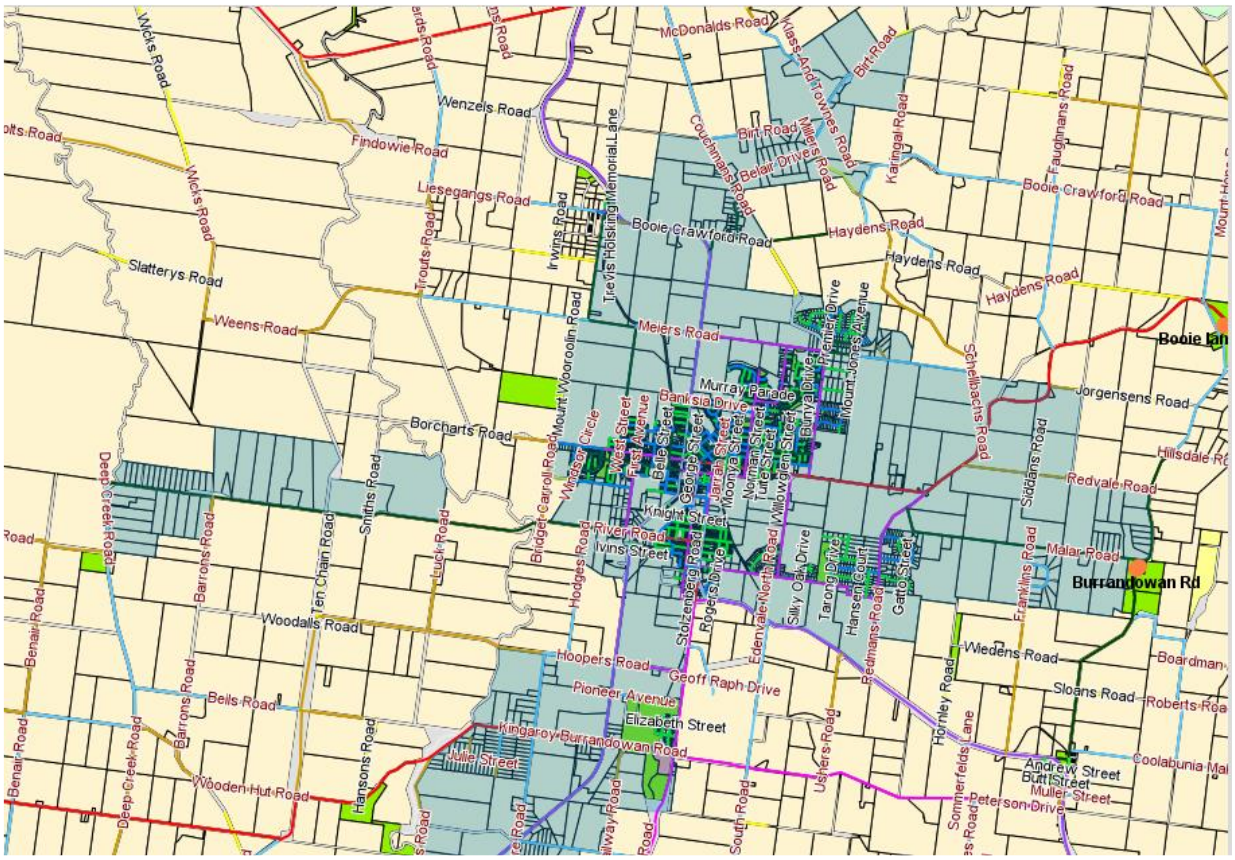
Runnymede North Designated Waste Collection Area



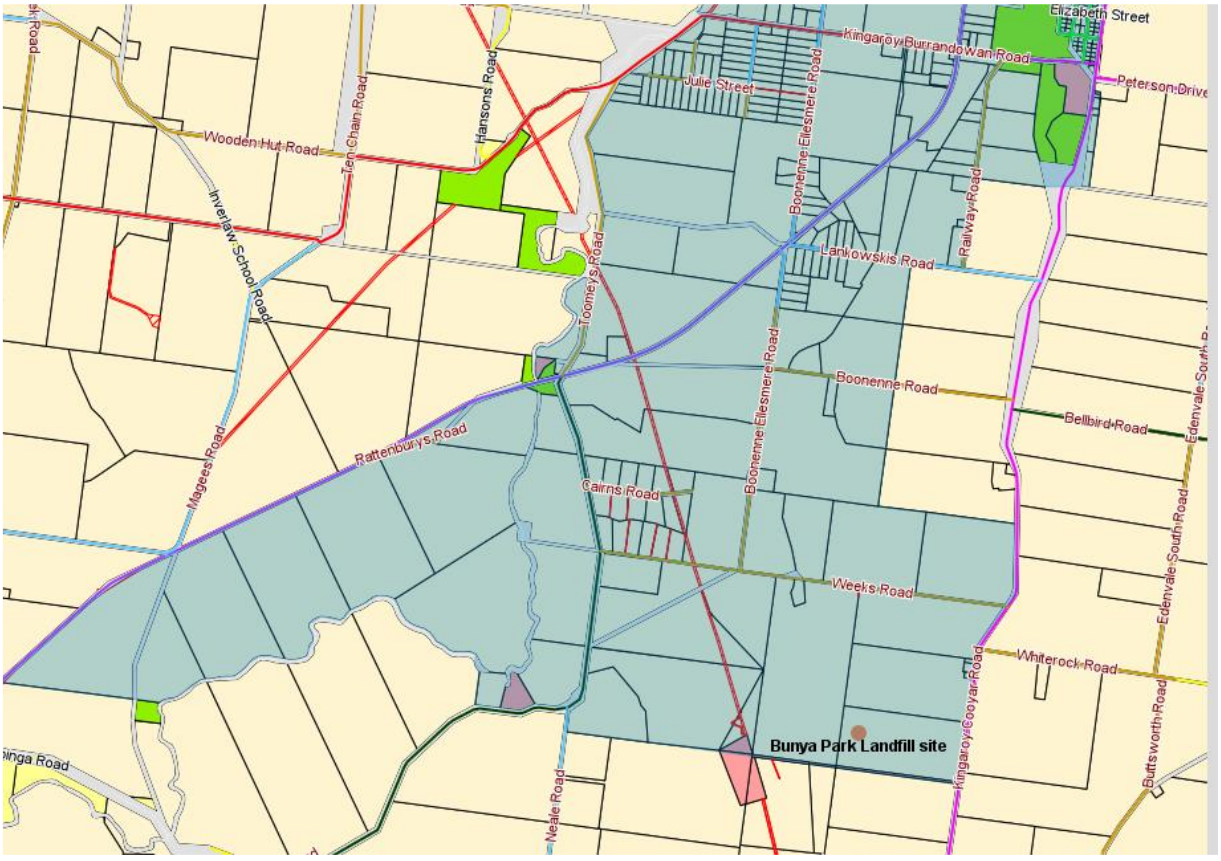
Runnymede South Designated Waste Collection Area



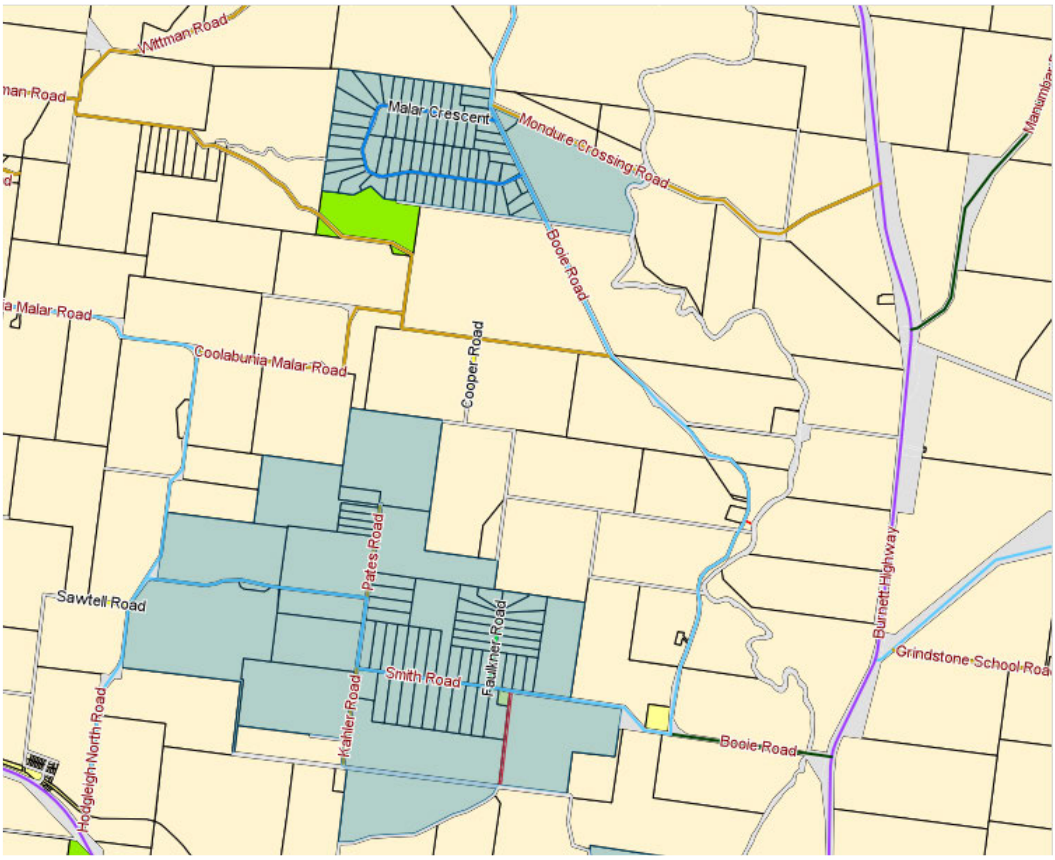
Kingaroy North Designated Waste Collection Area



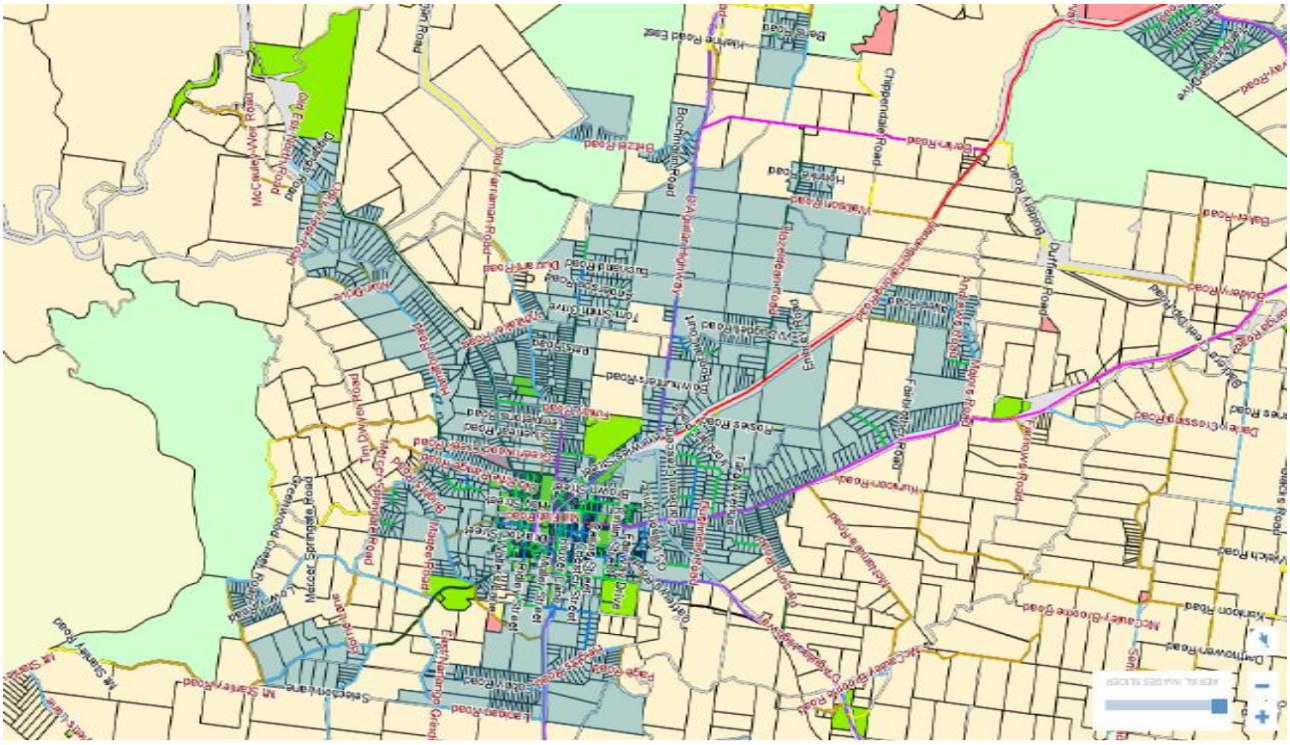
Kingaroy South Designated Waste Collection Area



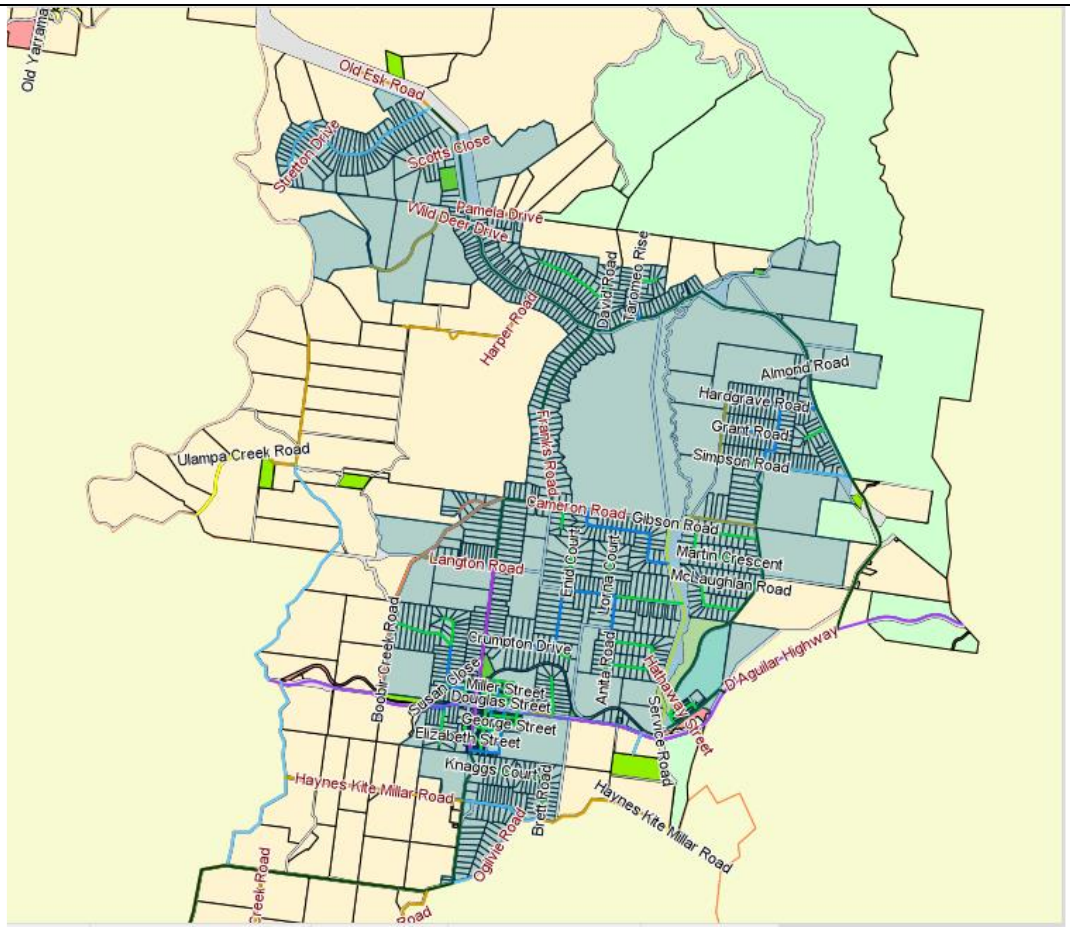
Booie Designated Waste Collection Area



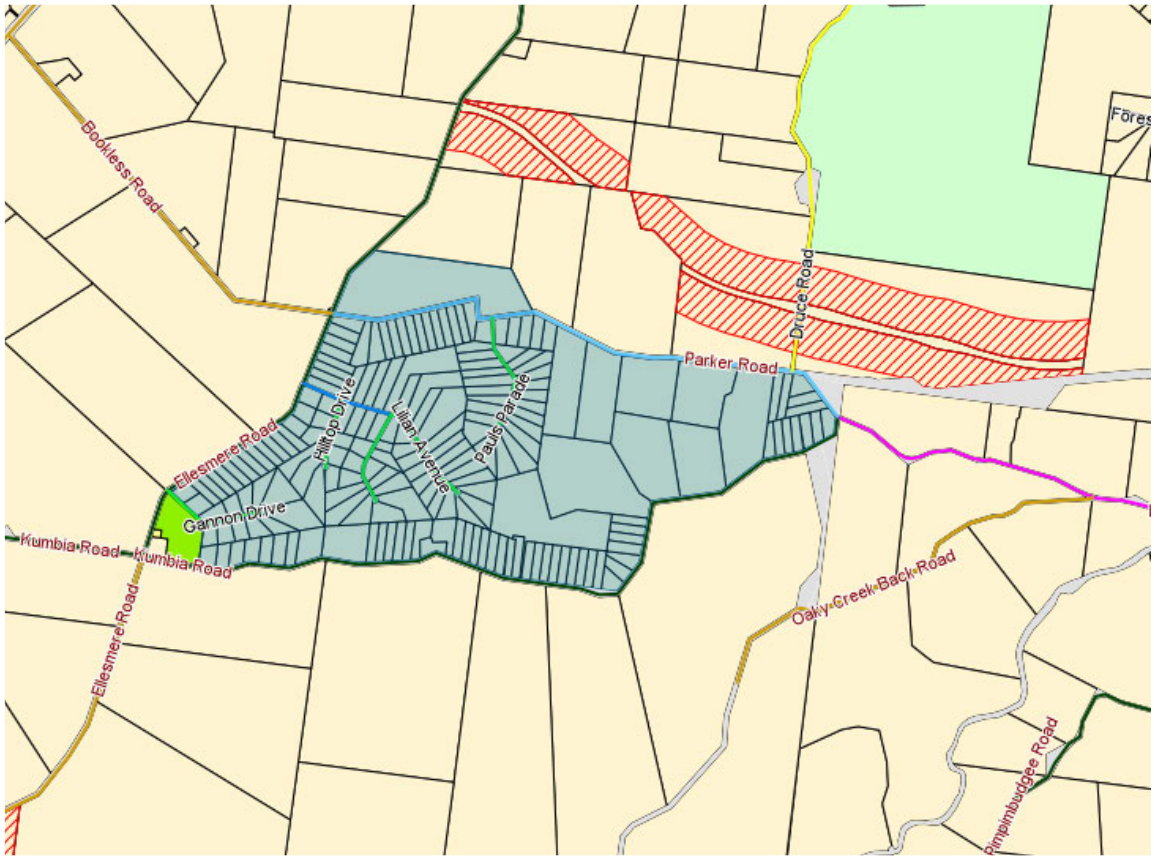
Nanango Designated Waste Collection Area



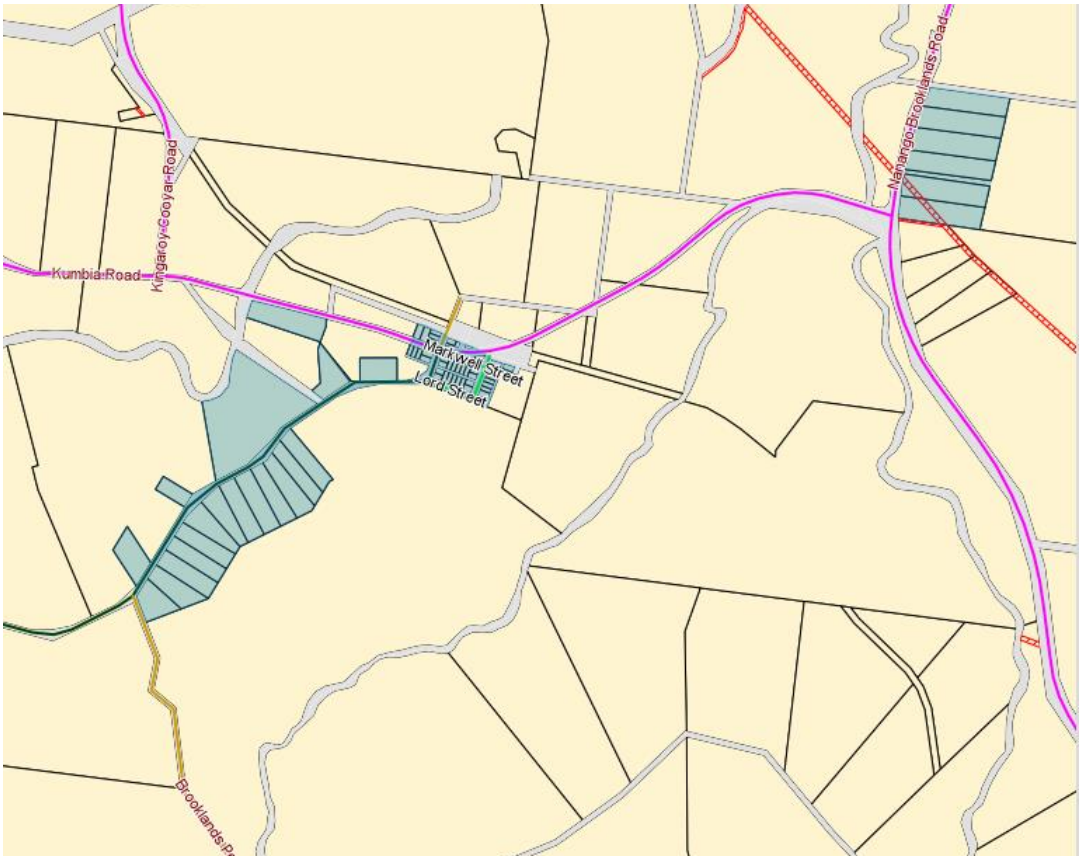
Blackbutt, Benarkin, Teelah and Taromeo Designated Waste Collection Area



Ellesmere Designated Waste Collection Area



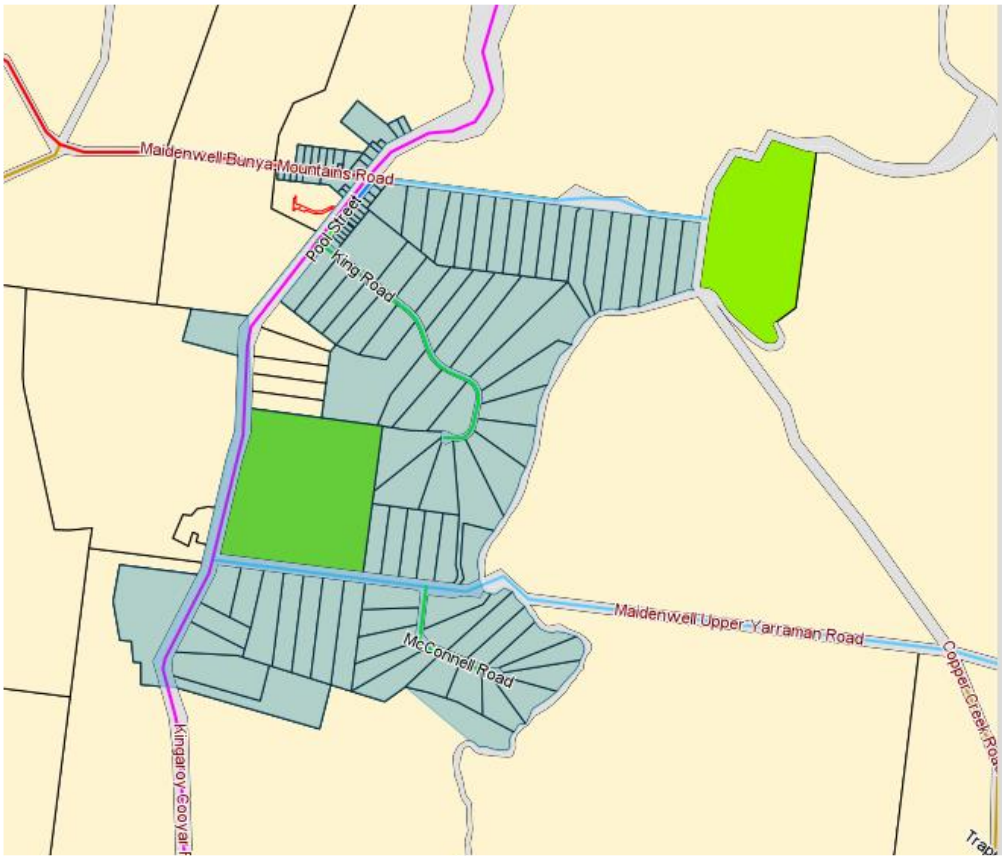
Brooklands Designated Waste Collection Area



Kumbia Designated Waste Collection Area



Maidenwell Designated Waste Collection Area



In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

6.29 WATER SUPPLY ACCESS CHARGE METHODOLOGY 2024/2025

RESOLUTION 2024/29

Moved: Cr Jane Erkens
Seconded: Cr Heath Sander

That pursuant to *Section 92(4)* of the *Local Government Act 2009* and *Section 99* of the *Local Government Regulation 2012* Council make and levy water utility charges based on the following methodology to determine water access charges to be levied for the financial year ending the 30 June 2025 as follows:

1. A Fixed Charge for all connected and vacant (not connected) land covering the net cost associated with the source of supply, administration, technical overhead, depreciation and finance costs for each scheme area be levied on those lands receiving a supply or to which a supply is deemed to be available
2. The basis of apportionment of this cost shall be the supply capacity made available to the connected premises, as a measure of the proportionate share of the capacity of the system utilised by the connected property, as listed in the table hereunder:

Meter Size	Capacity Factor
20mm	1.0
25mm	1.6
32mm and 40mm	2.5
50mm and 80mm	6.5
100mm	15.0
Vacant (not connected)	0.5

3. This direct correlation is varied as follows:

   (a) All connections below 25mm are deemed to be the same capacity;

   (b) Domestic properties which due to low pressure related matters only, require the installation of a larger than normal (20 mm) water meter, are to be charged the equivalent of a 20mm connection base charge;

   (c) Domestic properties which due to low pressure related matters only, require the installation of an additional water meter, are to be charged the equivalent of a single 20mm connection base charge only;

   (d) In the case of units as defined under the *Body Corporate and Community Management Act 1997* where the complex has a main meter, and individual units do not have an individual meter, then the base water charge for each unit will be levied as if the unit had a 20mm service connected;

   (e) In the case where there are two (2) or more lots and an improvement is constructed across a property boundary, provided that a connected access charge is being levied for one (1) lot, then vacant charges will not apply to the other vacant (land not connected to the water system) lot;

   (f) In the case of properties defined as “Rural”, except for properties connected to the Proston Rural Water Scheme, under Council’s differential rating criteria where multiple services are connected a charge for each additional connection shall be 50% of a single 20mm base charge;

   (g) In the case of properties on the Proston Rural Supply Scheme an access charge for each connection will apply;

   (h) In the case where a specifically dedicated metered service connection is provided for fire-fighting capability a charge for each service shall be 50% of a single 20mm access charge.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

6.30 WATER SUPPLY CHARGES 2024/2025

RESOLUTION 2024/30

Moved: Cr Deb Dennien
Seconded: Cr Jane Erkens

That:

1. pursuant to *Section 94* of the *Local Government Act 2009* and *Section 99* of the *Local Government Regulation 2012* Council make and levy water utility charges set out in the table hereunder for the provision of water supply services (Access Charges) for the financial year ended 30 June 2025:

Declared Water Supply Service Area	Vacant	20mm	25mm	32mm and 40mm	50mm and 80mm	100mm	Fire Services	Additional Rural Services
Blackbutt	391.00	781.00	1,249.00	1,949.00	5,070.00	11,700.00	391.00	391.00
Boondooma Dam	391.00	781.00	1,249.00	1,949.00	5,070.00	11,700.00	391.00	391.00
Kingaroy	391.00	781.00	1,249.00	1,949.00	5,070.00	11,700.00	391.00	391.00
Kumbia	391.00	781.00	1,249.00	1,949.00	5,070.00	11,700.00	391.00	391.00
Murgon	391.00	781.00	1,249.00	1,949.00	5,070.00	11,700.00	391.00	391.00
Nanango	391.00	781.00	1,249.00	1,949.00	5,070.00	11,700.00	391.00	391.00
Proston	391.00	781.00	1,249.00	1,949.00	5,070.00	11,700.00	391.00	391.00
Proston Rural	N/A	675.00	1,083.00	1,690.00	4,394.00	N/A	N/A	N/A
Wondai/ Tingoora	391.00	781.00	1,249.00	1,949.00	5,070.00	11,700.00	391.00	391.00
Wooroolin	391.00	781.00	1,249.00	1,949.00	5,070.00	11,700.00	391.00	391.00
Yallakool	391.00	781.00	1,249.00	1,949.00	5,070.00	11,700.00	391.00	391.00

2. pursuant to *Section 94* of the *Local Government Act 2009* and *Section 99* of the *Local Government Regulation 2012* Council make and levy water utility charges set out in the tables hereunder for the consumption of water for the financial year ended 30 June 2025.

   Properties not connected to the Proston Rural Water Supply Scheme will be split into separate tariffs - based on their Differential Rate Category. Residential Tariffs are comprised of Residential (1, 201, 203, 301, 401), Rural Residential (900, 910), Multi-units (100, 101) and Village (3) Rate Categories per the Revenue Statement.

   Commercial Tariffs are comprised of Commercial (2, 202, 204, 302, 402, 600, 700), Shopping Centre (9,10,99), Industrial (8, 208, 209, 308, 408), Extractive (211, 212, 213), Coal Mine (414), Power Generation (215, 219, 220, 221, 222, 223, 224, 225, 226), Rural Land – Primary Production (6), Piggery (611, 612, 613, 614), Cattle Feedlots (601, 602, 603, 604), Water Pumping and Storage (419), Heavy Industry (508), and Other (7) Rate Categories per the Revenue Statement.

   (a) In respect of Residential Tariffs (Consumption Charge) for the Water Supply Schemes of Blackbutt, Boondooma Dam, Kingaroy, Kumbia, Nanango, Proston, Tingoora, Wondai, Wooroolin and Yallakool:

Declared Water Supply Service Area	Tier 1	Tier 2	Tier 3
	Charge per Kilolitre	Charge per Kilolitre	Charge per Kilolitre
Blackbutt	1.97	2.94	3.43
Boondooma Dam	1.97	2.94	3.43
Kingaroy	1.97	2.94	3.43
Kumbia	1.97	2.94	3.43
Murgon	1.97	2.94	3.43
Nanango	1.97	2.94	3.43

Proston	1.97	2.94	3.43
Wondai	1.97	2.94	3.43
Wooroolin	1.97	2.94	3.43
Yallakool	1.97	2.94	3.43

(b) In respect of Commercial tariffs (Consumption Charge) for the Water Supply Schemes of Blackbutt, Boondooma Dam, Kingaroy, Kumbia, Nanango, Proston, Tingoora, Wondai, Wooroolin and Yallakool:

Declared Water Supply Service Area	**Tier 1**	**Tier 2**	**Tier 3**
	Charge per Kilolitre	**Charge per Kilolitre**	**Charge per Kilolitre**
Blackbutt	2.14	2.85	3.18
Boondooma Dam	2.14	2.85	3.18
Kingaroy	2.14	2.85	3.18
Kumbia	2.14	2.85	3.18
Murgon	2.14	2.85	3.18
Nanango	2.14	2.85	3.18
Proston	2.14	2.85	3.18
Wondai	2.14	2.85	3.18
Wooroolin	2.14	2.85	3.18
Yallakool	2.14	2.85	3.18

(c) In respect of the Proston Rural Water Supply Scheme a flat charge of $1.97 per Kilolitre of water consumed.

(d) High Volume Commercial >200,000 Kilolitre per year.

Declared Water Supply Service Area	**Tier 1**	**Tier 2**	**No Tier 3**
	Charge per Kilolitre 0 - 20,000	**Charge per Kilolitre >20,000**	
Blackbutt	1.86	2.46	
Boondooma Dam	1.86	2.46	
Kingaroy	1.86	2.46	
Kumbia	1.86	2.46	
Murgon	1.86	2.46	
Nanango	1.86	2.46	
Proston	1.86	2.46	
Wondai	1.86	2.46	
Yallakool	1.86	2.46	

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

6.31 WATER SUPPLY CONSUMPTION CHARGE METHODOLOGY 2024/2025

RESOLUTION 2024/31

Moved: Cr Danita Potter
Seconded: Cr Deb Dennien

That pursuant to *Section 94* of the *Local Government Act 2009* and *Section 99* of the *Local Government Regulation 2012* and on the basis of the principles laid down in Council's Revenue Statement, Council make and levy water utility consumption charges, for the supply of water services, as follows:

The following methodology be adopted to determine water consumption charges for water consumed each six (6) months during the financial year ending the 30 June 2025:

1. In respect of Water Supply Schemes of Blackbutt, Boondooma Dam, Kingaroy, Kumbia, Murgon, Nanango, Proston, Tingoora, Wondai, Wooroolin and Yallakool:

   (a) Council operate a three (3) tier banding system based on the volume of water used in kilolitres (000's of litres) and the capacity of the meter connected.

   (b) For connections greater than 20mm, the steps are increased proportionally with the capacity factor for each meter size.

   (c) The tiers or steps that apply to each 6 monthly reading are shown in the table below.

Meter Size	Capacity Factor	Step 1 KL	Step 2 KL	Step 3 KL
20mm	1.0	0 - 125	126 - 250	>250
25mm	1.6	0 - 200	201 - 400	>400
32mm and 40mm	2.5	0 - 313	314 - 625	>625
50mm and 80mm	6.5	0 - 813	814 - 1,625	>1,625
100mm	15.0	0 - 1,875	1,876 - 3,750	>3,750
High Volume Commercial >200,000KL/pa	N/A	0 - 20,000	>20,000	N/A

2. In respect of Proston Rural Water Supply Scheme:

   (a) A flat charge to apply for all water consumed.

In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 7/0

6.31.1 QUESTION ON NOTICE - WATER SUPPLY CONSUMPTION CHARGE METHODOLOGY 2024/2025

Question on notice from Cr Heath Sander:

How can we change 'Yallakool' to Bjelke-Petersen Dam?

7 CLOSURE OF MEETING

The Meeting closed at 10.45am.

The minutes of this meeting were confirmed at the Ordinary Meeting of the South Burnett Regional Council held on 17 July 2024.

.....

CHAIRPERSON

8 NOTICES OF MOTION

Nil

9 COUNCILLOR DIVISIONAL UPDATES

10 BUSINESS OUTSTANDING

10.1 BUSINESS OUTSTANDING TABLE FOR ORDINARY COUNCIL MEETING

File Number: **17/07/2024**

Author: **Coordinator Executive Services**

Authoriser: **Chief Executive Officer**

PRECIS

Business outstanding table for the Ordinary Council Meeting

SUMMARY

The Business Outstanding table is used as a tool to monitor outstanding items resolved at previous Council Meetings. The current Business Outstanding table for the Ordinary Council Meeting is presented for Councillor's information.

OFFICER'S RECOMMENDATION

That the Business Outstanding table for the Ordinary Council Meeting be received for information.

BACKGROUND

N/A

ATTACHMENTS

1. Business Outstanding Table - July 2024 ⇩

BUSINESS OUTSTANDING TABLE FOR ORDINARY COUNCIL MEETING

Meeting Date: 17 July 2024

Attachment No: 1

Meeting	Subject	Manager	Resolution	Notes
Council 10/07/2024	Adoption of the South Burnett Regional Council Annual Operational Plan 2024/2025	Jarvis, Susan	**RESOLUTION 2024/1** Moved: Cr Danita Potter Seconded: Cr Ros Heit That the South Burnett Regional Council Annual Operational Plan 2024/2025 be adopted as presented. In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit Against: Nil **CARRIED 7/0**	
Council 10/07/2024	Question on Notice - Special Charge - Annual Implementation Plan	Jarvis, Susan	Question on notice from Cr Erkens: Are we able to place this special charge on other industries – eg. Logging?	**11 Jul 2024 1:52pm Kruger, Wendy - Reallocation** Action reassigned to Anderson, Kerri by Kruger, Wendy - To provide a response.
Council 10/07/2024	Question on Notice - Water Supply Consumption Charge Methodology 2024/2025	Jarvis, Susan	Question on notice from Cr Heath Sander: How can we change 'Yallakool' to Bjelke-Petersen Dam?	
Council 19/06/2024	Trustee Lease - Booie Hall and Recreation Reserve Association Inc	Petersen, Leanne	**RESOLUTION 2024/368** Moved: Cr Jane Erkens Seconded: Cr Deb Dennien That South Burnett Regional Council: 1. In accordance with *section 236(1)(b)(ii)* of the *Local Government Regulation 2012* applies to dispose of a valuable non-current asset by	**21 Jun 2024 2:42pm King, Denise - Reallocation** Action reassigned to Turner, Paul by King, Denise - For report

			way of entering a trustee lease for Lot 129 on SP115387 to the Booie Hall & Recreation Reserve Association Inc. for a term of 10 years. 2. Pursuant to *Section 257(1)(b)* of the *Local Government Act 2009*, South Burnett Regional Council delegates to the Chief Executive Officer the power to negotiate, finalise and execute the trustee lease with the Booie Hall & Recreation Reserve Association Inc. on terms and conditions the Chief Executive Officer reasonably considers satisfactory to Council. In Favour: Crs Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit Against: Nil **CARRIED 6/0**	
Council 19/06/2024	Licence to Occupy - Curtain Call	Petersen, Leanne	**RESOLUTION 2024/369** Moved: Cr Jane Erkens Seconded: Cr Ros Heit That the matter lay on the table. In Favour: Crs Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit Against: Nil **CARRIED 6/0**	**21 Jun 2024 2:43pm King, Denise - Reallocation** Action reassigned to Turner, Paul by King, Denise - For report

Council 19/06/2024	Waiving of Building and Plumbing Application Fees - South Burnett Saints AFL	Petersen, Leanne	**RESOLUTION 2024/371** Moved: Cr Ros Heit Seconded: Cr Danita Potter That South Burnett Regional Council waives 50% of the building and plumbing application fees as per the Consideration of Applications for reduction in Council's Fees and Charges – Building, Plumbing and Planning Applications Policy – Strategic017 and contributes the remaining 50% as in-kind support from the community grant process. In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit Against: Nil **CARRIED 7/0**	**21 Jun 2024 2:45pm King, Denise - Reallocation** Action reassigned to Jensen, Leo by King, Denise - For report **24 Jun 2024 7:37am King, Denise - Reallocation** Action reassigned to Hursthouse, David by King, Denise - For report **24 Jun 2024 7:40am King, Denise - Reallocation** Action reassigned to King, Denise by King, Denise **24 Jun 2024 12:23pm King, Denise - Reallocation** Action reassigned to Moore, Debra by King, Denise - For report **03 Jul 2024 9:50am King, Denise - Reallocation** Action reassigned to Jensen, Leo by King, Denise - For report
Council 19/06/2024	Quote SBRCQ 2023/24-16 - Replace Tractor 4007	Jarvis, Susan	**RESOLUTION 2024/363** Moved: Cr Deb Dennien Seconded: Cr Heath Sander That Council purchase from Sengs Sales and Service, one (1) Massey Ferguson 7S 145 for $212,175 excluding GST. The expected delivery date is approximately 4 weeks, this can change depending on units available at the time of order. In Favour: Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit Against: Nil **CARRIED 6/0**	**24 Jun 2024 9:44am Kruger, Wendy - Reallocation** Action reassigned to Reidy, Louise by Kruger, Wendy - To raise Purchase Order

Council 19/06/2024	Quote SBRCQ 2023/24-15 - Replace Grader 1509	Jarvis, Susan	**RESOLUTION 2024/364** Moved: Cr Deb Dennien Seconded: Cr Ros Heit That Council purchase from RDO Equipment, one (1) John Deere JD 670GP for $724,909 excluding GST. The expected delivery date is approximately 6 weeks, noting this can change depending on units available at the time of order. In Favour: Crs Linda Little, Danita Potter, Deb Dennien and Ros Heit Against: Nil **CARRIED 4/0**	**24 Jun 2024 9:44am Kruger, Wendy - Reallocation** Action reassigned to Reidy, Louise by Kruger, Wendy - To raise Purchase Order.
Council 19/06/2024	2024 - 27 Works for Queensland (W4Q) Program	Meehan, Aaron	**RESOLUTION 2024/366** Moved: Cr Deb Dennien Seconded: Cr Linda Little That Council endorse the submission of a list of nominated projects under the 2024-27 Works for Queensland Program for assessment by the Department of State Development, Infrastructure, Local Government and Planning under the following categories: ***Row Labels*** *Liveability Infrastructure Community Facilities* *Liveability Infrastructure Parks* *Organisational Excellence* *Transport Infrastructure Drainage* *Transport Infrastructure Kerb & Medians*	

			Transport Infrastructure Roads	*$ 2,045,314*
			WWW Infrastructure	*$ 790,000*
			Grand Total	***$ 8,440,000***
			In Favour: Crs Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit Against: Nil **CARRIED 6/0**	
Council 19/06/2024	Deputation - Kathryn Hayes / Ray Wise	Pitt PSM, Mark	**RESOLUTION 2024/347** Moved: Mayor Kathy Duff Seconded: Cr Danita Potter That the Petition relating to all night music festivals being held at 1200 Stonelands Road Stonelands be received and referred to the Chief Executive Officer to determine the appropriate action and a report be brought back to Council. In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit Against: Nil **CARRIED 7/0**	**11 Jul 2024 8:30am Pitt PSM, Mark** Letter with council resolution sent - included previous email from January 2024; being followed up with planning compliance
Council 19/06/2024	Question on Notice - BaconFest	Petersen, Leanne	Question on notice from Cr Heit: How much did we spend on BaconFest this year?	**21 Jun 2024 2:48pm King, Denise - Reallocation** Action reassigned to Petersen, Leanne by King, Denise - For report
Council 19/06/2024	Waste Investigation	Petersen, Leanne	**RESOLUTION 2024/387** Moved: Cr Heath Sander Seconded: Cr Deb Dennien	**21 Jun 2024 2:41pm King, Denise - Reallocation** Action reassigned to Jensen, Leo by King, Denise - For report

			That Council investigate new ways of handling current volumes of waste to reduce the impact on landfills by sending a deputation to the new plant at Sunshine Coast to inspect the operations of the plant. In Favour: Crs Kathy Duff, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit Against: Nil carried 6/0	
Council 19/06/2024	South Burnett Community Hospital Foundation Limited - Constitutional Amendments	Pitt PSM, Mark	**RESOLUTION 2024/381** Moved: Cr Linda Little Seconded: Cr Heath Sander South Burnett Regional Council resolves that: 1. Council, the sole member of the South Burnett Community Hospital Foundation Limited A.C.N. 099 686 647 (***the Company***), approves amending the constitution of the Company, as required by the Company's constitution Rule 3.8(2), as follows: (a) Rule 1.2 (Definitions), 'Business' definition—to omit paragraph (1), to amend paragraph (2) to refer to raising funds for the hospital located in the Region, and to renumber the remaining paragraphs; (b) Rules 4.1(1) and (2) (Appointment, Removal and Retirement of Directors)—to increase the maximum number of directors from 9 to 11; (c) Rule 5.2(1) (Secretaries)—to omit the requirements that the company secretary "shall be a Director who is an employee of the Council"; and	**11 Jul 2024 8:51am Pitt PSM, Mark** New board members advised of their appointment and Director ID's recived. , Resignation of previous board member finalised

(d) to make any associated consequential amendments that arise out of the foregoing amendments.

2. The Chief Executive Officer is authorised to give to the Company's company secretary a copy of this resolution as its written approval to the constitution being amended, as required by the Company's constitution Rule 3.8(2).

In Favour: Crs Kathy Duff, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit

Against: Nil

CARRIED 6/0

RESOLUTION 2024/382

Moved: Cr Linda Little

Seconded: Cr Ros Heit

That South Burnett Regional Council resolves that:

1. Council, the sole member of the South Burnett Community Hospital Foundation Limited A.C.N. 099 686 647 (the ***Company***), votes in favour of passing the following member special resolutions, without a Company general meeting pursuant to *Corporations Act* section 249B:

   (1) the Company modify its Constitution as follows:

      (a) in Rule 1.2 (Definitions), 'Business' definition—

         (i) omit paragraph (1); and

			(ii) in paragraph (2), after the words 'for the hospital', insert 'located in the Region'; and (iii) renumber paragraphs (2) and (3) as paragraphs (1) and (2); (b) in Rules 4.1(1) and (2) (Appointment, Removal and Retirement of Directors)—omit the number '9' and replace with the number '11'; (c) in Rule 5.2(1) (Secretaries)—omit ", who shall be a Director who is an employee of the Council"; and (2) the Company adopt the consolidated modified Constitution attached to this resolution. 2. The Chief Executive Officer is authorised as Council's delegate under *Local Government Act 2009* sections 236 and 257 to sign a record of the member special resolutions without a Company general meeting for the purpose of giving it to the Company to record the resolution in the Company's minutes book. In Favour: Crs Kathy Duff, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit Against: Nil **CARRIED 6/0**	
Council 19/06/2024	Customer phone-calls, after-hours calls and lone-worker monitoring	Jarvis, Susan	**RESOLUTION 2024/388** Moved: Mayor Kathy Duff Seconded: Cr Ros Heit That the matter lay on the table.	**24 Jun 2024 9:43am Kruger, Wendy - Reallocation** Action reassigned to Bayntun, Rebecca by Kruger, Wendy - For Action and follow up.

			In Favour: Crs Kathy Duff, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit Against: Nil **CARRIED 6/0**	
Council 19/06/2024	Deputation - Ballogie Community	Petersen, Leanne	Representatives from the Ballogie Community Association Inc presented a development proposal to lease and develop Lot 50 CP868342 Wondai/Chinchilla Road Ballogie for the purpose of community sport, social and recreational gathering.	**21 Jun 2024 2:40pm King, Denise - Reallocation** Action reassigned to Moore, Debra by King, Denise - For report
Council 4/06/2024	Weighbridge Procurement	Petersen, Leanne	**RESOLUTION 2024/346** Moved: Cr Heath Sander Seconded: Cr Deb Dennien That South Burnett Regional Council: 1. Procure one eleven metre heavy-duty single deck weighbridge from Newcastle Weighing Systems ensuring councils obligations under the *Waste Reduction and Recycling Act 2011* have been met for the installation of the weighbridge at the Murgon Waste Facility by the required date by the application of exception *s235 (a) of the Local Government Regulation 2012* whereby council resolves it is satisfied that there is only 1 (one) supplier who is reasonably available. 2. Allocates a total of $210,000 in the 23/24 Capital Works Program for Waste Management In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit Against: Nil	

			CARRIED 7/0	
Council 4/06/2024	Question on Notice - waste trucks on Borcharts Hill Road	Petersen, Leanne	Question on Notice from Mayor Duff - How many more trucks are going to be going through Borcharts Hill Road in the next two or three months? Further information to be provided to the June Ordinary Council meeting.	
Council 15/05/2024	Expansion of Taabinga Cemetery	Petersen, Leanne	**RESOLUTION 2024/335** Moved: Cr Ros Heit Seconded: Cr Heath Sander That South Burnett Regional Council endorse closing of the perimeter road around the Taabinga Cemetery; and Engage with the Department of Agriculture and Fisheries (DAF), Kingaroy and adjoining owners regarding expansion options for the Taabinga Cemetery to ensure continuity of use. In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit Against: Nil **CARRIED 7/0**	**21 May 2024 3:06pm King, Denise - Reallocation** Action reassigned to Turner, Paul by King, Denise - For report
Council 15/05/2024	Petition - Country Music Campout	Pitt PSM, Mark	**RESOLUTION 2024/340** Moved: Cr Deb Dennien Seconded: Cr Ros Heit That the Petition relating to a Music Campout Event be received and referred to the Chief Executive Officer to determine the appropriate action and a report be brought back to Council.	**27 May 2024 1:01pm Paterson, Lynelle** Letter emailed to Sandra Abbott on 27 May advising petition had been presented and that a report would be presented to a future Council Meeting. **11 Jul 2024 11:07am Pitt PSM, Mark** Currently monitoring for any potential events

			In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit Against: Nil **CARRIED 7/0**	
Council 15/05/2024	Local Law (Repealing) Local Law (No. 1) 2023 Subordinate Local Law (Repealing) Subordinate Local Law (No. 1) 2023	Pitt PSM, Mark	**RESOLUTION 2024/316** Moved: Cr Deb Dennien Seconded: Cr Jane Erkens That South Burnett Regional Council resolves to proceed with the making of, and make: 1. Local Law (Repealing) Local Law (No. 1) 2023 as advertised, but amended, by the omission of each reference to 2023, and the insertion instead of a reference to 2024; and 2. Subordinate Local Law (Repealing) Subordinate Local Law (No. 1) 2023 as advertised, but amended, by the omission of each reference to 2023, and the insertion instead of a reference to 2024. In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit Against: Nil **CARRIED 7/0**	**14 Jun 2024 10:39am Pitt PSM, Mark** preparation of the government gazette notice, letter to Minister prepared, website public notice prepared **11 Jul 2024 8:48am Pitt PSM, Mark** Public notice scheduled for publishing in Government Gazett Notice
Council 15/05/2024	Renewal of Lease - The Lions Club of Blackbutt Benarkin Inc.	Petersen, Leanne	**RESOLUTION 2024/332** Moved: Cr Linda Little Seconded: Cr Deb Dennien That South Burnett Regional Council:	**21 May 2024 3:12pm King, Denise - Reallocation** Action reassigned to Moore, Debra by King, Denise - For report **02 Jul 2024 4:28pm Moore, Debra**

			1. In accordance with section 236(1)(b)(ii) of the Local Government Regulation 2012 applies to disposal of a valuable non-current asset by way of renewal of lease for part of Lot 87 on SP102660, Crumpton Drive, Blackbutt to The Lions Club of Blackbutt Benarkin Inc. for a term of 10 years. 2. Pursuant to *Section 257(1)(b)* of the *Local Government Act 2009*, South Burnett Regional Council delegates to the Chief Executive Officer the power to negotiate, finalise and execute the Lease with The Lions Club of Blackbutt Benarkin Inc. on terms and conditions the Chief Executive Officer reasonably considers are satisfactory to Council. In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit Against: Nil **CARRIED 7/0**	Sent to Lions Club for signing.
Council 15/05/2024	Sale of Land for Overdue Rates and Charges Report May 2024	Jarvis, Susan	**RESOLUTION 2024/343** Moved: Cr Jane Erkens Seconded: Cr Linda Little 1. That pursuant to section 140 (2) of the *Local Government Regulation 2012*, the South Burnett Regional Council resolves to sell the land described below in schedule 1 for overdue rates and charges; and 2. That Council delegate to the Chief Executive Officer its power to take all further steps under Chapter 4, part 12, Division 3 of the *Local Government Regulation 2012* to effect sale of	**20 May 2024 12:21pm Kruger, Wendy - Reallocation** Action reassigned to Anderson, Kerri by Kruger, Wendy - For Action & Completion.

the land (including, for the avoidance of doubt, the power to end sale procedures)

SCHEDULE 1

1	Lot 13 RP 169975, Title Reference 16000
2	Lot 96 RP 32387, Title Reference 163231
3	Lot 2 BUP 5505, Title Reference 1643300
4	Lot 11 RP 175077, Title Reference 16512
5	Lot 4 SP 133338, Title Reference 503277
6	Lot 20 RP 192570, Title Reference 17049
7	Lot 1 RP 198999, Title Reference 166571
8	Lot 21 RP 178686, Title Reference 16160
9	Lot 19 RP 54367, Title Reference 122662
10	Lot 36 RP 172928, Title Reference 16058
11	Lot 10 RP 199592, Title Reference 16661
12	Lot 55 RP 178852, Title Reference 16230
13	Lot 1 SP 215327, Title Reference 507183
14	Lot 29 CPM 55110, Title Reference 1514
15	Lots 3-4 RP894966, Title Reference 5009
16	Lot 86 RP 105329, Title Reference 13998
17	Lot 1 RP 911371, Title Reference 501773
18	Lot 10 SP 106951, Title Reference 50218
19	Lot 4 SP 119658, Title Reference 502780
20	Lot 12 SP 133328, Title Reference 50331

	21	Lot 20 RP 199812, Title Reference 16746055	
	22	Lot 26 CPW 53513, Title Reference 50703616	
	23	Lot 1 CPFY 1729, Title Reference 12990094	
	24	Lot 352 CPFY 255, Title Reference 11975225	
	25	Lot 15 RP 41258, Title Reference 16475110	
	26	Lot 12 RP 27220, Title Reference 15144048	
	27	Lot 73 RP 199825, Title Reference 16950236	
	28	Lot 12 SP 191195, Title Reference 50839885	
	29	Lot 1 RP 68526, Title Reference 12540187	
	30	Lot 3 CPFY 948, Title Reference 50856212	
	31	Lot 76 RP 36983, Title Reference 50747572	
	32	Lot 71 RP 36983, Title Reference 50747567	
	33	Lots 78-79 RP36983, Title Reference 50747574, 50747575	
	34	Lot 29 RP 190416, Title Reference 16548188	
	35	Lots 2-3 RP 157173, Title Reference 15699012, 15699013	
	36	Lot 405 CPK 6232, Title Reference 14507070	
	37	Lot 46 RP 173357, Title Reference 16122083	
	38	Lot 1 CPFY 2967, Title Reference 17420195	
	39	Lot 6 CPMZ 1075 & Lot 70 CPMZ 1141, Title Reference 17653128, 50470397	
	40	Lot 82 RP 206860, Title Reference 16874229	
	41	Lot 5 RP 27224, Title Reference 50508831	
	42	Lot 16 SP 237305, Title Reference 50826037	
	43	Lot 162 SP 245775, Title Reference 50851886	

			44 Lots 56-57 RP 36983, Title Reference 50747600, 50747601 45 Lot 1 RP 140059, Title Reference 15528233 46 Lot 1 RP 179281, Title Reference 17145173 In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit Against: Nil **CARRIED 7/0**	
Council 15/05/2024	Future Capital Pool Projects	Jarvis, Susan	**RESOLUTION 2024/334** Moved: Cr Ros Heit Seconded: Cr Linda Little That the 2023/24 Capital Budget of $200,000 be restricted for future capital pool projects. In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit Against: Nil **CARRIED 7/0**	**20 May 2024 12:22pm Kruger, Wendy - Reallocation** Action reassigned to Anderson, Kerri by Kruger, Wendy - For Action & completion
Council 15/05/2024	Review of Security Cameras	Petersen, Leanne	**RESOLUTION 2024/322** Moved: Cr Heath Sander Seconded: Cr Deb Dennien That South Burnett Regional Council review the operation and maintenance of security cameras throughout the region as part of the 2024/25 Operational Plan.	**20 May 2024 2:56pm Kruger, Wendy - Reallocation** Action reassigned to Bayntun, Rebecca by Kruger, Wendy - For action (inclusion in the Operational Plan) and completion. **09 Jul 2024 4:47pm Bayntun, Rebecca - Completion** Completed by Bayntun, Rebecca (action officer) on 09 July 2024 at 4:47:50 PM - Review of security cameras has been added to the op plan for 2024/25

			In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit Against: Nil **CARRIED 7/0**	
Council 15/05/2024	RSPCA Contract Extension - Animal Management Review	Pitt PSM, Mark	**RESOLUTION 2024/344** Moved: Cr Jane Erkens Seconded: Cr Deb Dennien That South Burnett Regional Council: 1. Provide an Extension of the existing contract "Provision and Operation of the South Burnett Animal (Cats & Dogs) Housing Facility agreement with the RSPCA" (a) Offer the RSPCA a 12 month extension on the current contract. (i) As per the RSPCA agreed amount of using the Year 5 3.4% CPI increase – with no additional costs or increases. (ii) From the 5th year amount of $527,155, with CPI for 24/25 equates to $545,078.27. In Favour: Crs Jane Erkens, Linda Little, Danita Potter and Deb Dennien Against: Crs Kathy Duff, Heath Sander and Ros Heit **CARRIED 4/3** **RESOLUTION 2024/345** Moved: Cr Jane Erkens Seconded: Cr Heath Sander	**21 May 2024 3:10pm King, Denise - Reallocation** Action reassigned to Donohue, Kimberley by King, Denise - For report **14 Jun 2024 10:23am Donohue, Kimberley - Completion** Donohue, Kimberley (action officer) on 14 June 2024 at 10:23:57 AM - Recevied signed Deed of Variation from RSPCA on 7 June 2024 - Printed and being signed by Council week of 10/06/2024

That Council undertake a full review of the Animal Management Services provided in the South Burnett Regional Council area.

(a) Review the existing contract and lease agreement in place with the RSPCA

  (i) Costings on variations and other options for Council.

  (ii) Options to include:

    (1) Reduction of animal management services – Pound only

    (2) Share arrangements at the current facility with an animal welfare organisation

    (3) Financial reviews of options including Council operating all impounding activities in the region and then transferring animals that are able to be rehomed to a welfare organisation.

    (4) Transfer impounded animals to other Local Governments to look after during the impoundment timeframe of 3 – 5 days. Noting that it is a requirement that the local government provide access to the animal as per the Local Law and Legislation.

    (5) Tender process if the impounding and rehoming of animals is outsourced.

			(6) Report to be presented to the September Ordinary Council Meeting. In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit Against: Nil **CARRIED 7/0**	
Council 15/05/2024	Application to Telstra's Water Tower Mega Mural Expression of Interest	Petersen, Leanne	**RESOLUTION 2024/330** Moved: Cr Danita Potter Seconded: Cr Linda Little That South Burnett Regional Council support in principal an application to Telstra's Water Tower Mega Mural Expression of Interest with the location of the water tower or silo, a letter of support to be delegated to the CEO (Acting GM Liveability) to progress. In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit Against: Nil **CARRIED 7/0**	**21 May 2024 3:08pm King, Denise - Reallocation** Action reassigned to Petersen, Leanne by King, Denise - For report
Council 24/04/2024	Portfolio System	Pitt PSM, Mark	**RESOLUTION 2024/311** Moved: Cr Jane Erkens Seconded: Cr Danita Potter That Council revisit the portfolio system in April 2025 and that Council hold a workshop with Donna Nielsen from Peak Services in July 2024.	**10 May 2024 11:46am Paterson, Lynelle** Contact has been made with Peak Services **03 Jun 2024 5:11pm Pitt PSM, Mark** Follow up with Peak for workshop with councillors in July due to budget timelines and current workshops - costs for workshop / training being investigated

			In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit Against: Nil **CARRIED 7/0**	
Council 24/04/2024	Land Use Investigation	Petersen, Leanne	**RESOLUTION 2024/338** Moved: Cr Jane Erkens Seconded: Cr Linda Little That: 1. Council undertake a project which includes a land use investigation to assess: a. the availability of land within the South Burnett region that may be suitable to incorporate into an expansion of the RR1 precinct to allow further subdivision of rural residential lifestyle lots into one-acre (4,000m^2) and/or two-acre (8,000m^2) lots (smaller rural residential lots); and b. the suitability and viability of, and options to facilitate the land identified in (a) above, to be able to be developed into smaller rural residential lots. 2. A report outlining the outcomes and recommendations of the investigation referred to in 1. above be presented to Council. 3. Council list this project for consideration during its 2024/25 FY budget deliberations	**07 May 2024 1:46pm King, Denise - Reallocation** Action reassigned to Turner, Paul by King, Denise - For report **23 May 2024 11:31am Donohue, Kimberley - Reallocation** Action reassigned to Hursthouse, David by Donohue, Kimberley - Reallocated as per LJ

			with an allocation of up to $25,000 (ex GST). **Reasons for Recommendation** Council wishes to facilitate increased options for smaller lifestyle lots throughout the South Burnett region, to allow existing residents to age in place without having to relocate from their existing property or the region. In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit Against: Nil **CARRIED 7/0**	
Council 24/04/2024	Kingaroy Building/Facilities Supply of Services Contract	Petersen, Leanne	**RESOLUTION 2024/334** Moved: Cr Jane Erkens Seconded: Cr Danita Potter That South Burnett Regional Council call for tender for the cleaning of Council buildings and facilities in Kingaroy. In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit Against: Nil **CARRIED 7/0**	**07 May 2024 1:51pm King, Denise - Reallocation** Action reassigned to Turner, Paul by King, Denise - For report

Council 24/04/2024	Council Resolution to Commence Review of the Local Government Infrastructure Plan (LGIP)	Petersen, Leanne	**RESOLUTION 2024/339** Moved: Cr Danita Potter Seconded: Cr Deb Dennien That this report be received and that South Burnett Regional Council: 1. Resolve to commence a review of the Local Government Infrastructure Plan (LGIP) in accordance with Chapter 5, Part 5 of the Minister's Guidelines and Rules (MGR), as required by Section 25(3) of the Planning Act 2016. 2. Consider the necessary budget allocation to undertake the LGIP review process in the 2024/25 financial year budget deliberations. In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit Against: Nil **CARRIED 7/0**	**07 May 2024 1:51pm King, Denise - Reallocation** Action reassigned to Jensen, Leo by King, Denise - For report **10 May 2024 4:02pm Donohue, Kimberley - Reallocation** Action reassigned to Crick, Justin by Donohue, Kimberley - As per LJ. **13 May 2024 10:02am Crick, Justin** The internal LGIP review will commence before the end of May. Appointment of the reviewer will happen concurrently.
Council 4/04/2024	Appointment of the Chairperson and Deputy Chairperson to the LDMG	Meehan, Aaron	**RESOLUTION 2024/309** Moved: Mayor Kathy Duff Seconded: Cr Danita Potter That Council: 1. Pursuant to *Section 34* of the *Disaster Management Act 2003*, Cr Danita Potter be appointed Chairperson of the South Burnett Local Disaster Management Group; and 2. Pursuant to *Section 34* of the *Disaster Management Act 2003*, Cr Jane Erkens be	

			appointed Deputy Chairperson of the South Burnett Local Disaster Management Group. In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit Against: Nil **CARRIED 7/0**	
Council 4/04/2024	Review of positions in the South Burnett Local Disaster Management Group	Meehan, Aaron	**RESOLUTION 2024/310** Moved: Cr Danita Potter Seconded: Cr Deb Dennien That a review of all other positions in the South Burnett Local Disaster Management Group be completed and referred to Council for consideration as soon as practicable. In Favour: Crs Kathy Duff, Jane Erkens, Linda Little, Danita Potter, Deb Dennien, Heath Sander and Ros Heit Against: Nil **CARRIED 7/0**	
Council 6/03/2024	Selective Inspection Program - Building and plumbing Works in the Hivesville Township	Petersen, Leanne	**RESOLUTION 2024/302** Moved: Cr Kathy Duff Seconded: Cr Danita Potter That Council; 1. Organise a meeting with service providers to address the areas of safety and health particularly in the Hivesville village;	**15 Mar 2024 7:42am King, Denise - Reallocation** Action reassigned to Hursthouse, David by King, Denise - For report **15 Mar 2024 8:46am King, Denise - Reallocation** Action reassigned to Petersen, Leanne by King, Denise - For report

			2. Meet with the Hivesville community as early as appropriate; 3. Implement a 6 month amnesty across the Region for residential building and plumbing works; 4. Investigate a one off kerbside pickup service for residents in Hivesville; 5. Conduct an audit of overgrown allotments. In Favour: Crs Gavin Jones, Jane Erkens, Danita Potter, Kirstie Schumacher, Kathy Duff and Scott Henschen Against: Nil **CARRIED 6/0**	
Council 6/03/2024	Application for Funding under the Community Heritage of the Community Sustainability Action Grants Program - round 8	Pitt PSM, Mark	**RESOLUTION 2024/295** Moved: Cr Scott Henschen Seconded: Cr Kirstie Schumacher That South Burnett Regional Council apply for a grant under the Round 8 – Community Heritage of the Community Sustainability Action Grants Program – capital expenditure project category for repairs to Boondooma Homestead roof. In Favour: Crs Gavin Jones, Jane Erkens, Danita Potter, Kirstie Schumacher, Kathy Duff and Scott Henschen Against: Nil **CARRIED 6/0**	**15 Mar 2024 7:31am King, Denise - Reallocation** Action reassigned to Moore, Debra by King, Denise - For report **15 Mar 2024 8:09am King, Denise - Reallocation** Action reassigned to Turner, Paul by King, Denise - For report **08 May 2024 9:07am Turner, Paul** Application Lodged. **10 May 2024 3:03pm Turner, Paul - Completion** Completed by Turner, Paul (action officer) on 10 May 2024 at 3:03:14 PM - Application Lodged**09 May 2024 1:00pm Petersen, Leanne - Completion** Completed by Petersen, Leanne (action officer) on 09 May 2024 at 1:00:04 PM - Grant application submitted

Council 24/01/2024	Request to apply for funding under the Queensland Feral Pest Initiative.	Petersen, Leanne	**RESOLUTION 2024/255** Moved: Cr Scott Henschen Seconded: Cr Kirstie Schumacher That South Burnett Regional Council endorse the development of an application for funding under the Queensland Government Feral Pest Initiative Round (8) in partnership with other local governments, Natural Resource Management groups and Incorporated Industry organisations. In Favour: Crs Gavin Jones, Jane Erkens, Danita Potter, Kirstie Schumacher, Kathy Duff and Scott Henschen Against: Nil **CARRIED 6/0**	**31 Jan 2024 10:44am King, Denise - Reallocation** Action reassigned to Togiatama, Frank by King, Denise - For report
Council 24/01/2024	Blackbutt Water Tower – Telecommunications Tower Lease	Petersen, Leanne	**RESOLUTION 2024/271** Moved: Cr Danita Potter Seconded: Cr Jane Erkens That South Burnett Regional Council: 1. *Section 236(1)(c)(vi)* of the *Local Government Regulation 2012* applies for the disposal of the valuable non-current asset by offering a Lease for Part of Lot 1 on RP130127, D'Aguilar Highway, Blackbutt to Telstra Limited; and 2. *Pursuant to Section 257(1)(b)* of the *Local Government Act 2009*, South Burnett Regional Council delegates to the Chief Executive Officer the power to negotiate, finalise and execute the Lease between Council and Telstra Limited on terms and conditions the Chief Executive Officer reasonably considers satisfactory to Council.	**31 Jan 2024 10:28am King, Denise - Reallocation** Action reassigned to Moore, Debra by King, Denise - For report **11 Mar 2024 8:27am Moore, Debra** Lease has been negotiated. Waiting on final document from Telstra legal team for execution. **02 Jul 2024 4:25pm Moore, Debra** Executed lease returned May 2024. Survey plans to be completed by Telstra and returned to Council when registered against title.

			In Favour: Crs Jane Erkens, Danita Potter, Kirstie Schumacher, Kathy Duff and Scott Henschen Against: Nil **CARRIED 5/0**	
Council 13/12/2023	Supplementary Report for Gifting of St. Faith Church and Cemetery, Mondure.	Petersen, Leanne	**RESOLUTION 2023/214** Moved: Cr Kathy Duff Seconded: Cr Danita Potter That South Burnett Regional Council respectfully decline the offer to be gifted the St. Faith Anglican Church and write to the church seeking a response in regards to understanding the condition of the cemetery, its current operations and the church's plans to maintain the cemetery in the future and that a report be brought back to a future Council meeting In Favour: Crs Gavin Jones, Danita Potter, Kirstie Schumacher, Kathy Duff and Scott Henschen Against: Cr Jane Erkens, **CARRIED 5/1**	**20 Dec 2023 7:41am King, Denise - Reallocation** Action reassigned to Petersen, Leanne by King, Denise - For report **09 May 2024 12:03pm Kemp, Fiona** Communitcations have been had that there is a possiblity of the Mondure community keen to look after the church. Further discussion will need to be arranged - community meeting.
Council 13/12/2023	Local Law Review Workshop	Jarvis, Susan	**RESOLUTION 2023/197** Moved: Cr Jane Erkens Seconded: Cr Scott Henschen That South Burnett Regional Council 1. Accept the report, Local Laws Review – Discovery Phase – August 2023 for information; and	**20 Dec 2023 12:24pm Kruger, Wendy - Reallocation** Action reassigned to Bayntun, Rebecca by Kruger, Wendy - For Action & Completion

			2. Adopt the following recommendations that Council: (a) Repeal Subordinate Local Law 1.07 – Operation of Cane Railways 2011. (b) Repeal Model Local Law No. 2 (Meetings) 2008. 3 Conduct a workshop shared accommodation, temporary homes, animals and parking in January 2024 In Favour: Crs Gavin Jones, Jane Erkens, Danita Potter, Kirstie Schumacher and Scott Henschen Against: Nil **CARRIED 5/0**	
Council 13/12/2023	Trusteeship of Goodger Hall - Lot 186 on FY850	Petersen, Leanne	**RESOLUTION 2023/218** Moved: Cr Jane Erkens Seconded: Cr Danita Potter That South Burnett Regional Council become trustees of the Goodger Hall, locally known as the Goodger School of Arts, being a Reserve for Public Hall R685, Lot 186 on FY850.and pursuant to *Section 257(1)(b)* of the *Local Government Act 2009*, the Council resolves to delegate to the Chief Executive Officer the power to complete the transfer of trusteeship. In Favour: Crs Jane Erkens, Danita Potter, Kirstie Schumacher, Kathy Duff and Scott Henschen Against: Nil	**20 Dec 2023 7:25am King, Denise - Reallocation** Action reassigned to Moore, Debra by King, Denise - For report **11 Mar 2024 8:23am Moore, Debra** The CEO has signed the trusteeship. Awaiting DOR to progress. Council officers will check with community to see if a Incorporated Association has been set up. **02 Jul 2024 4:22pm Moore, Debra** Further paperwork to be received regarding the request for a lease.

			CARRIED 5/0	
Council 13/12/2023	Future Use of Lot 19 on CP891608 - 9 Knowles Street, Nanango	Petersen, Leanne	**RESOLUTION 2023/215** Moved: Cr Jane Erkens Seconded: Cr Danita Potter That 1. Negotiations continue to determine suitability to enter into a new lease agreement in accordance with *s(236)(1)(c)(iii) & (3)(5) of the Local Government Regulation 2012* for the disposal of a non-valuable current asset being Lot 19 on CP891608; or 2. Negotiate the sale of the property to an adjoining landowner in accordance with *s(236)(c)(iv)* & *(3)(5)* of the *Local Government Regulation 2012*; (a) The property be offered for Tender under *s227 of the Local Government Regulation 2012* should negotiations with the existing lessee and adjoining landowners fail. 3. Pursuant to *Section 257(1)(b) of the Local Government Act 2009*, South Burnett Regional Council delegates to the Chief Executive Officer the power to negotiate, finalise and execute a Lease between the existing leaseholder or sale of property to an adjoining landowner on terms and conditions the Chief Executive Officer reasonably considers are satisfactory to Council. In Favour: Crs Gavin Jones, Jane Erkens, Danita Potter, Kirstie Schumacher, Kathy Duff and Scott Henschen	**20 Dec 2023 7:38am King, Denise - Reallocation** Action reassigned to Moore, Debra by King, Denise - For report **11 Mar 2024 8:25am Moore, Debra** The current lessee has yet to make an official offer to Council. To be followed up.

			Against: Nil **CARRIED 6/0**	
Council 22/11/2023	Sale by Tender of 4 Haly Street, Kingaroy to adjoining owners	Petersen, Leanne	**RESOLUTION 2023/165** Moved: Cr Danita Potter Seconded: Cr Kathy Duff That South Burnett Regional Council offer the land for sale by tender to the three adjoining owners by; 1. Entering into negotiations with the highest tenderer and if the current market value of the property is reached, delegate powers to the Chief Executive Officer under Section 257 of the *Local Government Act 2009* enter a contract of sale for the property, or 2. If negotiations with the highest tenderer does not result in a sale of the property retain the property in Council ownership and tender the property for lease/permit for grazing purposes. In Favour: Crs Gavin Jones, Jane Erkens, Danita Potter, Kirstie Schumacher, Kathy Duff and Scott Henschen Against: Nil **CARRIED 6/0**	**30 Nov 2023 8:06am King, Denise - Reallocation** Action reassigned to Turner, Paul by King, Denise - For report **10 May 2024 3:10pm Turner, Paul** Postponed due to legislative requirements during Caretake mode.
Council 22/11/2023	Proposed tender for sale of Lot 18 McConnel Way, Mondure	Petersen, Leanne	**RESOLUTION 2023/166** Moved: Cr Kirstie Schumacher Seconded: Cr Danita Potter That South Burnett Regional Council approve for sale by tender Lot 18 McConnel Way, Mondure (Lot 18 RP27655) by;	**30 Nov 2023 8:06am King, Denise - Reallocation** Action reassigned to Turner, Paul by King, Denise - For report **10 May 2024 3:13pm Turner, Paul** Postponed due to legislative requirements during Caretake mode.

			1. Entering into negotiations with the highest tenderer and if the current market value of the property is reached, enter a contract of sale for the property; or 2. If negotiations with the highest tenderer does not result in a sale of the property at current market value, list the property for sale on the open market; and 3. Delegate powers to the Chief Executive Officer under Section 257 of the *Local Government Act 2009* to complete contracts of sale. In Favour: Crs Gavin Jones, Jane Erkens, Danita Potter, Kirstie Schumacher, Kathy Duff and Scott Henschen Against: Nil **CARRIED 6/0**	
Council 22/11/2023	Nanango CBD Parking & Operations - Community Consultation	Meehan, Aaron	**RESOLUTION 2023/157** Moved: Cr Jane Erkens Seconded: Cr Scott Henschen That South Burnett Regional Council: 1. conduct further engagement with each business providing a letter requesting them to utilise off street parking locations and providing a map of alternative parking options; 2. meet with individual businesses on Drayton Street (Fitzroy St – Drayton St) in early 2024 to determine if there has been a change in the supply of carparking bays by business owners; and	**29 Feb 2024 2:34pm Allen, Samantha** Letters have been sent to businesses, recieved response email from Stanwell. Further consultation planned for April. **08 May 2024 11:53am Allen, Samantha** Meeting to be arranged with local Councillor **13 Jun 2024 10:53am Allen, Samantha** Finalise parking layout and report back to Council in August 2024.

			3. contact both Stanwell Corporation, Meandu Mine and the bus company and find out how many workers park there and is it possible to liaise to find a more suitable place that does not impact on retail parking. In Favour: Crs Gavin Jones, Jane Erkens, Danita Potter, Kirstie Schumacher, Kathy Duff and Scott Henschen Against: Nil **CARRIED 6/0**	
Council 22/11/2023	Proposed Tender to Adjoining owners for sale of 29 Tiernan Terrace, Murgon	Petersen, Leanne	**RESOLUTION 2023/164** Moved: Cr Kathy Duff Seconded: Cr Scott Henschen That South Burnett Regional Council approve for sale by tender to adjoining owners 29 Tiernan Terrace, Murgon (Lot 72 RP855764) by; 1. Entering into negotiations with the highest tenderer and if the current market value of the property is reached, enter a contract of sale for the property, and 2. Delegate powers to the Chief Executive Officer under Section 257 of the *Local Government Act 2009* to negotiate and execute contract of sale. In Favour: Crs Gavin Jones, Jane Erkens, Danita Potter, Kirstie Schumacher, Kathy Duff and Scott Henschen Against: Nil **CARRIED 6/0**	**30 Nov 2023 8:07am King, Denise - Reallocation** Action reassigned to Turner, Paul by King, Denise - For report **10 May 2024 3:11pm Turner, Paul** Postponed due to legislative requirements during Caretake mode.

Council 22/11/2023	Proposed tender for sale of 23 Jellicoe Street, Proston	Petersen, Leanne	**RESOLUTION 2023/167** Moved: Cr Scott Henschen Seconded: Cr Kathy Duff That South Burnett Regional Council approve for sale by tender 23 Jellicoe Street, Proston (Lot 38 RP57676) by; 1. Entering into negotiations with the highest tenderer and if the current market value of the property is reached, enter a contract of sale for the property; or 2. If negotiations with the highest tenderer does not result in a sale of the property at current market value, list the property for sale on the open market; and 3. Delegate powers to the Chief Executive Officer under Section 257 of the *Local Government Act 2009* to negotiate and execute contract of sale. In Favour: Crs Gavin Jones, Jane Erkens, Danita Potter, Kirstie Schumacher, Kathy Duff and Scott Henschen Against: Nil **CARRIED 6/0**	**30 Nov 2023 8:07am King, Denise - Reallocation** Action reassigned to Turner, Paul by King, Denise - For report **10 May 2024 3:13pm Turner, Paul** Postponed due to legislative requirements during Caretake mode.
Council 22/11/2023	Glendon Street Amenities Electricity Update	Petersen, Leanne	**RESOLUTION 2023/188** Moved: Cr Danita Potter Seconded: Cr Scott Henschen That Council delegate to the Chief Executive Officer to make an application for an exceptional circumstances exemption in relation to the power connection of the Glendon Street Amenities until the	**30 Nov 2023 8:06am King, Denise - Reallocation** Action reassigned to Turner, Paul by King, Denise - For report **10 May 2024 3:12pm Turner, Paul**

			potential purchase of the adjacent community health building is resolved. In Favour: Crs Gavin Jones, Jane Erkens, Danita Potter, Kirstie Schumacher, Kathy Duff and Scott Henschen Against: Nil **CARRIED 6/0**	Assessing the cost and awaiting response from Qld Health regarding purchase of Community Health Building adjoining which will alter outcome.
Council 22/11/2023	Potential Purchase of Community Health Building, Kingaroy	Petersen, Leanne	**RESOLUTION 2023/190** Moved: Cr Danita Potter Seconded: Cr Jane Erkens That South Burnett Regional Council offer to purchase the property from the State of Queensland (represented by Queensland Health). 1. Contract of sale to be in accordance with; (i) *Local Government Regulation 2012*. (ii) Queensland Government Land Transaction Policy 2021. (iii) SBRC Procurement Policy. (iv) SBRC Investment Policy. 2. Pursuant to *Section 257(1)(b)* of the Act, the Council resolves to delegate to the CEO the power to negotiate terms and bring a report back to Council. In Favour: Crs Gavin Jones, Jane Erkens, Danita Potter, Kirstie Schumacher, Kathy Duff and Scott Henschen Against: Nil	**30 Nov 2023 8:06am King, Denise - Reallocation** Action reassigned to Turner, Paul by King, Denise - For report

			CARRIED 6/0	
Council 22/11/2023	Kumbia Recreation Reserve Preliminary Master Plan	Petersen, Leanne	**RESOLUTION 2023/168** Moved: Cr Scott Henschen Seconded: Cr Kathy Duff That South Burnett Regional Council: 1. Adopt the Draft Kumbia Recreation Reserve Preliminary Master Plan; and 2. Undertake community consultation to seek views on the priority projects to be included in the stage one of park redevelopment. In Favour: Crs Gavin Jones, Jane Erkens, Danita Potter, Kirstie Schumacher, Kathy Duff and Scott Henschen Against: Nil **CARRIED 6/0**	**30 Nov 2023 8:08am King, Denise - Reallocation** Action reassigned to Jackson, Cathy by King, Denise - For report
Council 22/11/2023	Trustee Lease - Tingoora Sports Association Inc	Petersen, Leanne	**RESOLUTION 2023/176** Moved: Cr Scott Henschen Seconded: Cr Kirstie Schumacher That South Burnett Regional Council: 1. resolves that the exception in *Local Government Regulation 2012 section 236 (1)(b)(ii)* applies to Council for the disposal by way of grant of a Lease of the valuable non-current asset, which is Lot 91 on Crown Plan FY2885, to the Tingoora Sports Association Inc; and 2. delegates to the Chief Executive Officer the power to negotiate, finalise and execute the Trustee Lease between Council and Tingoora	**30 Nov 2023 8:07am King, Denise - Reallocation** Action reassigned to Jackson, Cathy by King, Denise - For report

			Sports Association Inc. on terms and conditions the Chief Executive Officer reasonably considers are satisfactory to Council. In Favour: Crs Gavin Jones, Jane Erkens, Danita Potter, Kirstie Schumacher, Kathy Duff and Scott Henschen Against: Nil **CARRIED 6/0**	
Council 27/09/2023	Ringsfield House Advisory Committee	Petersen, Leanne	**RESOLUTION 2023/94** Moved: Cr Jane Erkens Seconded: Cr Danita Potter That 1. That Ringsfield House be open by appointment with tours being conducted by Volunteers that have been inducted as per the Volunteer process of the Visitor Information Centre with reporting to the Visitor Enhancement Officer and the Tourism Officer. 2. That Ringsfield House be promoted as a community facility and venue and is open to hirers who wish to run community led events. 3. That a stocktake of current artefacts be completed and a future recommendation is made from the committee to reduce the number of artefacts. 4. That any volunteers wishing to participate in undertaking work at the house are inducted and managed by Council (excluding those working for a hirer incorporated group).	**03 Oct 2023 1:33pm King, Denise - Reallocation** Action reassigned to Pointon, Jennifer by King, Denise - For report **12 Oct 2023 11:55am King, Denise - Reallocation** Action reassigned to Beaumont, Samantha (Sam) by King, Denise - For report

			5. An amendment is made to the 2023/2024 fees and charges for group tours of Ringsfield House for $5.00 per person. 6. That the minutes of the July 2023 and August 2023 Ringsfield House Advisory Committee be received for information. In Favour: Crs Gavin Jones, Jane Erkens, Danita Potter, Kirstie Schumacher, Kathy Duff and Scott Henschen Against: Nil **CARRIED 6/0**	
Council 24/05/2023	Advocacy Digital Plan	Pitt PSM, Mark	**RESOLUTION 2023/574** Moved: Cr Kirstie Schumacher Seconded: Cr Danita Potter That South Burnett Regional Council meets with NBN and the relevant telcos and uses the information provided to develop a digital plan for the South Burnett that can be used as a advocacy document for the Mayor and Councillors to take to the ALGA Assembly and the Ministerial meetings scheduled in Canberra later this year. - The purpose of this plan will be to identify and agree on the existing black spots and seek to leverage the next rounds of Federal funding for regional connectivity and upgrades with consideration to future opportunities to apply for disaster funding to acquire hybrid power cubes for use during disasters. In Favour: Crs Brett Otto, Gavin Jones, Jane Erkens, Danita Potter, Kirstie	**14 Jul 2023 10:31am Pitt PSM, Mark** Workshop scheduled for 17 July to commence discusions on advocacy plans **20 Oct 2023 8:56am Pitt PSM, Mark** Consideration with Council's advocacy programme and drafting - gathering information for development of the draft **16 Nov 2023 2:18pm Pitt PSM, Mark** Template for the report developed and population of information has commenced - rough draft to be circulated prior to end of calendar year **03 Jan 2024 2:02pm Pitt PSM, Mark** Given end of year workloads 1st draft wascompleted but circulated in January 2024 - workshop with councillors being organised to review draft **07 Feb 2024 4:21pm Pitt PSM, Mark** Draft circulated to SLT for feedback

			Schumacher, Kathy Duff and Scott Henschen Against: Nil **CARRIED 7/0**	**28 Feb 2024 4:55pm Pitt PSM, Mark** Meeting held with Telstra to discuss options for connectivity planning, feedback recieved from LGAQ on draft **03 Jun 2024 5:05pm Pitt PSM, Mark** Draft circulated to V0.2 councillors and SLT **11 Jul 2024 4:38pm Pitt PSM, Mark** South Burnett Connectivity Planning Workshop - Telstra & NBN, BIEDO - South Burnett Council and Industry Connectivity Round Table - nbnlocal, Telstra, Optus and The Regional Tech Hub
Council 26/04/2023	KTP Pedestrian Visibility and PWD Shop Access	Meehan, Aaron	**RESOLUTION 2023/510** Moved: Cr Kathy Duff Seconded: Cr Danita Potter That South Burnett Regional Council writes to South Burnett Business groups articulating the strategic priority in our Corporate Plan relating to making our towns communities of choice for people living with disability and encouraging them to engage with their members and CBD businesses as to opportunities for improving PWD access. In Favour: Crs Brett Otto, Gavin Jones, Jane Erkens, Danita Potter, Kirstie Schumacher, Kathy Duff and Scott Henschen Against: Nil **CARRIED 7/0**	**28 Jul 2023 2:10pm Champney, Kristy** Resolution sent to KTP Team 02.05.23. Awaiting outcome. **21 Sep 2023 11:44am Allen, Samantha** To be actioned in October **09 May 2024 1:57pm Allen, Samantha** Letter currently being drafted, to be finalised in May. **13 Jun 2024 10:51am Allen, Samantha** Delayed due to staffing shortage - Letter to be finalised with Mayor in June 2024.

Council 29/03/2023	Compliance Enforcement on Burning in Residential Areas	Petersen, Leanne	**RESOLUTION 2023/479** Moved: Cr Kathy Duff Seconded: Cr Danita Potter That South Burnett Regional Council run an education program explaining Local Law 3 and Subordinate Law 3 to the community targeting lighting and maintaining fires in rural residential and residential areas and explaining ramification of non-compliance. In Favour: Crs Brett Otto, Gavin Jones, Jane Erkens, Danita Potter, Kirstie Schumacher, Kathy Duff and Scott Henschen Against: Nil **CARRIED 7/0**	**04 Apr 2023 3:31pm King, Denise - Reallocation** Action reassigned to Petersen, Leanne by King, Denise - Run an education program, Mead Perry has been appointed to undertake local law review - this will be considered as part of this project **23 Jun 2023 9:20am O'May, Peter** Awaiting recruitment/commencement of Co-ordinator Regulatory Services who wil be tasked with delivering program. Expected to commence in early July **25 Jul 2023 2:02pm Petersen, Leanne** Draft Fact Sheet being developed on burning in residential areas and then an educational program will be conducted **06 Dec 2023 10:47am Petersen, Leanne** Fact sheet has been finalised and is with Governance for approval prior to social media comms being generated.
Council 22/02/2023	Rural Residential Blocks	Petersen, Leanne	**RESOLUTION 2023/401** Moved: Cr Kathy Duff Seconded: Cr Danita Potter That South Burnett Regional Council review the Overgrown Property Policy – Statutory062 to consider the designated town area maps and the adjoining rural residential allotments one (1) hectare or less that may not have been captured in the policy as part of the annual review process. In Favour: Crs Brett Otto, Gavin Jones, Jane Erkens, Danita Potter, Kirstie Schumacher, Kathy Duff and Scott Henschen	**06 Mar 2023 8:36am King, Denise - Reallocation** Action reassigned to Petersen, Leanne by King, Denise **08 Mar 2023 11:30am Kemp, Fiona - Reallocation** Action reassigned to Petersen, Leanne by Kemp, Fiona - Please review and update this meeting action. Thank you **23 Jun 2023 9:30am O'May, Peter**

			Against: Nil **CARRIED 7/0**	Item to be included for consideration as part of the review of Council's Local Laws during 2023/24 financial year. , OPL/38 Review Council's Local Laws to ensure relevance to the region and understanding by Council and the community **11 Aug 2023 9:04am Petersen, Leanne** Mead Perry have been appointed to conduct local law review - this will be reviewed as part of this project
Council 25/01/2023	Gift of land to the South Burnett Child Care Centre at Kingaroy	Petersen, Leanne	**RESOLUTION 2023/364** Moved: Cr Kirstie Schumacher Seconded: Cr Gavin Jones That South Burnett Regional Council: 1. Develop a framework to consider requests from community groups that ask Council to transfer land at nil consideration, to ensure consistent decision-making. 2. Conduct a development application for subdivision of Lot 86 on RP7951 in line with the current South Burnett Child Care and Kindergarten lease area. 3. Continue engagement with South Burnett Child Care and Kindergarten as to appropriate long term tenure arrangements. In Favour: Crs Brett Otto, Gavin Jones, Jane Erkens, Danita Potter, Kirstie Schumacher, Kathy Duff and Scott Henschen Against: Nil **CARRIED 7/0**	**07 Feb 2023 2:25pm King, Denise - Reallocation** Action reassigned to Petersen, Leanne by King, Denise **11 Jul 2023 3:21pm King, Denise** 2. Development application currently being prepared **25 Jan 2024 10:03am King, Denise - Reallocation** Action reassigned to Turner, Paul by King, Denise - For report **10 May 2024 3:11pm Turner, Paul** Planning consultants have been engaged to complete application.

Council 27/04/2022	Material change of use application for expansion of an existing piggery to 57,000SPU and associated infrastructure at 536 & 592 Morgans Road Windera and other properties - Lot 202 SP 251979 Lot 203 SP 251979 Lot 49 MZ 555 - Applicant: Jamz & Co In...	Petersen, Leanne	**RESOLUTION 2022/486** Moved: Cr Kathy Duff Seconded: Cr Danita Potter **Procedural Motion** That the matter lay on the table. In Favour: Crs Brett Otto, Kathy Duff, Danita Potter and Scott Henschen Against: Cr Gavin Jones and Cr Kirstie Schumacher **CARRIED 4/2**	**05 May 2022 3:46pm Donohue, Kimberley - Reallocation** Action reassigned to Lisle, Michael by Donohue, Kimberley **20 Oct 2022 3:49pm Lisle, Michael** Development Application laying on the table in Council. Prestart meeting held early October 2022 for construction of roadwork upgrades to Kratzmanns Road required under pervious approval. **28 Oct 2022 8:39am Donohue, Kimberley - Reallocation** Action reassigned to Petersen, Leanne by Donohue, Kimberley **20 Jan 2023 2:15pm O'May, Peter** Review of road works progress scheduled February 2023 **03 May 2023 3:33pm King, Denise** The following information from Justin Crick:- I followed up about the intersection works required as part of the roadworks for the Wilsons piggery at Morgans Rd, Windera and the delay in the commencement of the upgrade. It turns out that TMR are doing roadworks either side of the intersection and have told the contractor that they will not be allowed to commence until the TMR works have been completed. At the moment this will be August this year. **06 Dec 2023 10:48am Petersen, Leanne**

	The original engineers have disengaged by the applicant, the TMR works are complete, but that now means that the intersection works may need some minor redesign, the survey pickup (to determine extent of redesign) is to be done before Xmas, once approved by TMR, the contractor (Shadforths) is still ready to commence works. The start date unknown at the moment, but most likely March. **25 Jan 2024 10:54am King, Denise - Reallocation** Action reassigned to Crick, Justin by King, Denise - For report **21 Feb 2024 5:08pm Crick, Justin** The TMR works on the approach to the Gayndah Rd/Kratzmanns Rd intersection have altered the design levels required at the intersection. The applicant has completed a survey to determine what design changes are required, and the design is currently being re-assessed. Any redesign may have to go back to TMR once the scope is known. Construction start date will depend on the amount of redesign (if any) is required.

11 EXECUTIVE SERVICES

11.1 CONFIRMING ATTENDANCE AT THE LOCAL GOVERNMENT ASSOCIATION QUEENSLAND (LGAQ) ANNUAL CONFERENCE IN BRISBANE ON 21-23 OCTOBER 2024

File Number: **17-07-2024**

Author: **Coordinator Executive Services**

Authoriser: **Chief Executive Officer**

PRECIS

Confirming attendance at the LGAQ Annual Conference in Brisbane on 21-23 October 2024.

SUMMARY

The LGAQ Conference for 2024 will be held in Brisbane 21-23 October 2024. Council pays a conference levy in conjunction with its annual membership. Council is therefore entitled to send two (2) delegates to the conference.

OFFICER'S RECOMMENDATION

That _____ and _____ attend the 2024 LGAQ Conference as delegates, and the following Councillors attend as observers:

-

FINANCIAL AND RESOURCE IMPLICATIONS

Council receives, as part of its membership 2 registrations to the LGAQ Conference. All other events will be taken from the operational budgets.

LINK TO CORPORATE/OPERATIONAL PLAN

OR12 Advocate strongly to key stakeholders, including state and federal governments, on regional priorities, including funding opportunities.

COMMUNICATION/CONSULTATION (INTERNAL/EXTERNAL)

Council by resolution appoints delegates and observers to the conferences.

LEGAL IMPLICATIONS (STATUTORY BASIS, LEGAL RISKS)

The risk of failure to undertake lobbying and advocacy is reduced by regular participation in Regional organisations and active memberships in relevant associations. Policy/Local Law Delegation Implications

ASSET MANAGEMENT IMPLICATIONS

N/A

REPORT

At the 2024 LGAQ Annual Conference South Burnett Regional Council will be entitled to a total of two votes. Council can nominate two delegates, with each delegate allocated 1 (one) vote or nominate 1 (one) delegate and having both votes allocated to that delegate. There will be a separate report to call for resolutions to be submitted to the conference. Previous experience has shown that only the registered delegate(s) are able to speak to the submitted motions on the floor of conference.

It is suggested that the Mayor and Deputy Mayor attend the 2024 LGAQ Conference as delegates, and the following Councillors attend as observers:

- Cr Jane Erkens
- Cr Heath Sander
- Cr Deb Dennien

ATTACHMENTS

Nil

11.2 LGAQ ANNUAL CONFERENCE: MOTION REQUEST

File Number: **17/07/2024**

Author: **Executive Assistant**

Authoriser: **Chief Executive Officer**

PRECIS

It's that time of year when the LGAQ requests member councils to bring forward for discussion at the Annual Conference on matters of common concern to members through the motions process. This is members' opportunity to think big and tap into the LGAQ's advocacy on major issues that will take us closer to making every Queensland community a liveable one.

The 2024 LGAQ Annual Conference will be held in Brisbane, on 21-23 October at the Brisbane Convention and Exhibition Centre.

SUMMARY

The LGAQ requests member councils to bring forward for discussion at the Annual Conference any subject connected with the objects of the Association or pertaining to matters of common concern to Members.

Motions that have been passed as resolutions by councils are therefore requested to be submitted no later than **Monday 29 July 2024**. This will enable the LGAQ Agenda Committee to review all submitted motions and provide a Preliminary Agenda for member councils four (4) weeks prior to the commencement of Conference.

The LGAQ will now only be accepting motions using an automated process to support councils seeking to put forward agenda items, using the Congruent member portal.

The LGAQ are now accepting motions using an automated process to support councils seeking to put forward agenda items, using the LG Online system. When preparing motions, please give attention to providing succinct but relevant facts and references to inform delegates of the issue you wish to raise. There are many ways in which a member council can inform the work program of the Association, and therefore it is important that consideration should also be given to prior resolutions that may have been tabled at previous Annual Conferences on the topic. It is preferable that matters raised through this process are local government issues are strategic, relevant to the business of local government and with state-wide impact.

Where two or more-member councils bring forward a similar motion, the Agenda Committee is authorised to draft and submit composite motions, in consultation with the submitting council.

OFFICER'S RECOMMENDATION

1. That South Burnett Regional Council resolves to submit the following motions to the 2024 Local Government Association of Queensland Annual Conference

   (a)

FINANCIAL AND RESOURCE IMPLICATIONS

Officer time to prepare and submit the motions.

LINK TO CORPORATE/OPERATIONAL PLAN

OR12 Advocate strongly to key stakeholders, including state and federal governments, on regional priorities, including funding opportunities.

COMMUNICATION/CONSULTATION (INTERNAL/EXTERNAL)

Discussion regarding motions that:

- Are succinct with relevant facts and references to inform delegates of the issue raised;
- Inform the work program of the Association, thus consideration should be given to prior resolutions that may have been tabled at previous Annual Conferences on the topic;
- Are local government issues which are strategic, relevant to the business of local government and with state-wide impact

LEGAL IMPLICATIONS (STATUTORY BASIS, LEGAL RISKS)

Not applicable

POLICY/LOCAL LAW DELEGATION IMPLICATIONS

This event provides a unique opportunity each year for Local Government to engage directly with the Federal Government, to develop national policy and to influence the future direction of our councils and our community.

ASSET MANAGEMENT IMPLICATIONS

Not applicable

REPORT

Council direction is sought on which motions to be placed for debate. Motions must be submitted no later than **Monday 29 July 2024** for inclusion in the agenda.

Potential draft resolutions received prior this the submission process being opened by the LGAQ are listed below for consideration:

- Trade Waste
- Waste Services and Facilities
- Water Security

ATTACHMENTS

1. Draft Motions Template ⇩

Every Queensland community deserves to be a liveable one

2024 LGAQ Annual Conference – Motions template

Who is the key contact for this motion? (required)	
Submitting council (required)	
Supporting organisation (if applicable)	
Council resolution # (required)	
Date of council resolution (required)	Please select the date of resolution here
☐ Does this motion have state-wide relevance? (This is a required field)	
Title of motion (required)	
Motion (required)	The LGAQ calls on the <State/Federal/State and Federal government(/s)> to
What is the desired outcome sought? (required) 200 word limit	
Background (required) 350 word limit	Placeholder text – further explain the motion and illustrate the issue/s which need to be addressed state wide,
Case study/ Example (optional) 350 word limit	Please include any relevant local case studies or examples to support this motion that effectively demonstrate and communicate the importance of the matter.

12 FINANCE & CORPORATE

12.1 ADOPTION OF THE SOUTH BURNETT REGIONAL COUNCIL COUNCILLOR CONDUCT COMPLAINTS INVESTIGATION POLICY - STATUTORY028

File Number: **17-Jul-2024**

Author: **Coordinator Corporate**

Authoriser: **Chief Executive Officer**

PRECIS

Adoption of the South Burnett Regional Council Councillor Conduct Complaints Investigation Policy – Statutory028.

SUMMARY

South Burnett Regional Council ('Council') must adopt a policy about how complaints about the suspected conduct breach of Councillors will be dealt with as required by the *Local Government Act 2009*.

OFFICER'S RECOMMENDATION

That the South Burnett Regional Council Councillor Conduct Complaints Investigation Policy – Statutory028 be adopted as presented.

FINANCIAL AND RESOURCE IMPLICATIONS

No direct financial and resource implications arise from this report which have not already been considered in the development of Council's annual budget.

LINK TO CORPORATE/OPERATIONAL PLAN

Corporate Plan 2021 - 2026	OR2 Achieve community recognition as an ethical Council that values and practices community consultation, accountable governance, and open and transparent decision-making
Operational Plan 2023/2024	Deliver the Council Policy Governance Framework aligned to strategic planning and relevant legislation incorporating Council's policies, procedures, forms, and factsheets
	Promote a high standard of corporate responsibility, transparency and accountability in decision making at all levels of the organisation in the best interest of Council and the community aligning to legislation and Council policy

COMMUNICATION/CONSULTATION (INTERNAL/EXTERNAL)

The South Burnett Regional Council Councillor Conduct Complaints Investigation Policy – Statutory028 has been reviewed by Executive Services and Corporate Governance and Strategy aligned with the Example Local Government Investigation Policy and updated legislation.

LEGAL IMPLICATIONS (STATUTORY BASIS, LEGAL RISKS)

Crime and Corruption Act 2001

Local Government Act 2009

Local Government Regulation 2012

Public Interest Disclosure Act 2010

Section 4(b) of the *Human Rights Act 2019* requires public entities to act and make decisions in a way compatible with human rights. The Act requires public entities to only limit human rights in certain circumstances and after careful consideration. The human rights protected under the Act are not absolute. This means that the rights must be balanced against the rights of others and public policy issues of significance.

In the decision-making process, Council is to consider the 23 human rights:	
1. Recognition and equality before the law;	13. Cultural rights—Generally;
2. Right to life;	14. Cultural rights—Aboriginal peoples and Torres Strait Islander peoples;
3. Protection from torture and cruel, inhuman or degrading treatment;	15. Right to liberty and security of person;
4. Freedom from forced work;	16. Humane treatment when deprived of liberty;
5. Freedom of movement;	17. Fair hearing;
6. Freedom of thought, conscience, religion and belief;	18. Rights in criminal proceedings;
7. Freedom of expression;	19. Children in the criminal process;
8. Peaceful assembly and freedom of association;	20. Right not to be tried or punished more than once;
9. Taking part in public life;	21. Retrospective criminal laws;
10. Property rights;	22. Right to education;
11. Privacy and reputation;	23. Right to health services.
12. Protection of families and children;	

POLICY/LOCAL LAW DELEGATION IMPLICATIONS

No direct local law or delegation implications arise from this report.

ASSET MANAGEMENT IMPLICATIONS

No direct asset management implications arise from this report.

REPORT

The purpose of this policy is to adopt a policy framework about how complaints about the suspected conduct breach of Councillors will be dealt with as required by the Local Government Act 2009, which is aligned to the Example Local Government Investigation Policy and updated legislation.

ATTACHMENTS

1. Councillor Conduct Complaints Investigation Policy - Statutory028 ⇩

POLICY CATEGORY - NUMBER: Statutory028
POLICY OWNER: Executive Services

ECM ID: 2741140
ADOPTED:

Councillor Conduct Complaints Investigation Policy

NOTE: Council regularly reviews and updates its policies. The latest controlled version can be obtained from the Policy Register on Council's intranet or by contacting Council's Corporate, Governance & Strategy Branch. **A hard copy of this electronic document is considered uncontrolled when printed.**

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1. POLICY STATEMENT

This policy provides a framework that South Burnett Regional Council ('Council') must adopt about how complaints about the suspected conduct breach of Councillors will be dealt with as required by the *Local Government Act 2009* ('Act').

2. SCOPE

This policy applies to investigations and determinations the Council must adhere to about the suspected conduct breach of a Councillor including a Mayor, which has been referred by the Independent Assessor ('IA'). This policy does not relate to:

- more serious Councillor conduct, such as misconduct or corrupt conduct, which are dealt with under separate legislative provisions;
- unsuitable meeting conduct, or any conduct undertaken in a personal capacity by a Councillor (for example a sitting Councillor campaigning for re-election or attending a private social function).

3. GENERAL INFORMATION

The Act prescribes the Councillor Conduct Management System. The Act establishes an IA to carry out certain functions including the preliminary assessment, dismissal, referral, or investigation of complaints about Councillor conduct.

After undertaking a preliminary assessment on a Councillor conduct matter, if the IA reasonable suspects a Councillor has engaged in a conduct breach, the IA may decide to refer a suspected conduct breach to Council to deal with under the Act.

Upon receipt of the referral notice of a complaint of suspected conduct breach, Council must deal with the Councillor's conduct prescribed under the Act unless a decision is made not to start or to discontinue the investigation under the Act. In conducting the investigation, Council must comply with this policy.

To ensure the system of local government is accountable, effective, efficient and sustainable, the Councillors are responsible for performing their duties under of the Act in accordance with the local government principles pursuant to of Act.

3.1. Confidentiality

Matters of suspected to the investigation of suspected conduct breach of a Councillor are confidential during the investigation period, except:

- to give the Councillor information about the suspected conduct, including details about the evidence of the conduct;
- to give the Councillor the preliminary findings of the investigation before preparing an investigation report about the investigation;
- to give the Councillor a notice if an investigation is not started or is discontinues;
- for conduct the subject of a complaint – to give their person who made the complaint, and the Assessor a notice if an investigation is not started or is discontinued.

Once the conduct is investigated and an investigation report received, a summary of the investigation report must be made publicly available before any discussion is undertaken by Council. The published summary report must not contain any names or identifying information about the complainant and the persons interviewed or a transcript of interview, or provided a statement or affidavit, unless the complainant is a Councillor or Chief Executive Officer (CEO') of the Council, whose identity was disclosed at the meeting at which the investigation report was considered.

Once the matter has been investigated and a report has been provided to Council, the matter will be placed on the Council meeting agenda and the investigation report and a recommendation of the investigator may be debated in the Council meeting, which may be in a closed session under the *Local Government Regulation 2012* ('Regulation'). The summary investigation report is not treated as confidential as it must be publicly available and attached to the agenda papers that are circulated before the meeting.

A final decision by resolution of the Council in an open Council meeting must take place when the decision is made about whether a Councillor engaged in a conduct breach and if so, any decision about orders that are made under the Act. Any decision that is not consistent with the recommendation of the investigation report must state in the meeting minutes, the reasons for the decision. The minutes must give sufficient information to demonstrate the logic that has been applied to justify the decision not to follow the recommendation of the investigation report.

The full investigation report must be made publicly available within 10 business days of Council making a decision by resolution about whether the Councillor engaged in a conduct breach and if so, any orders made in relation to the matter. The published report must not contain any names or identifying information about the complainant, persons who were interviewed or a transcript of interview, or provided a statement or affidavit unless the complainant is a Councillor or CEO of Council whose identity was disclosed at the meeting at which the investigation report was considered.

When deciding what action to take, Council may consider any previous conduct breach of the Councillor, any allegation made in the investigation that was admitted or not challenged, and Council is reasonably satisfied it true.

A notice about the outcome of the investigation must be given to the Assessor as soon as practicable that states the decision, the reasons for the decision and the details of any orders made under the Act.

3.2. Natural Justice

Any investigation of suspected conduct breach of a Councillor must be carried out in accordance with natural justice.

Natural justice or procedural fairness, refers to three (3) key principles:

- that the Councillor who is the subject of the suspected conduct breach being investigated has a chance to have their say before adverse formal findings are made and before any adverse action is taken (fair hearing);
- the investigator should be objective and impartial (absence of bias); and

- any actions taken is based on evidence (not suspicion or speculation).

A fair hearing means the Councillor who is the subject of the suspected conduct breach matter will receive information about the suspected conduct, including:

- the preliminary findings of the investigation before the preparing of the investigation report about the investigation;
- a notice if an investigation is not started or is discontinued including the reasons for the decision;
- allow the Councillor to give evidence to the investigator about the suspected conduct breach and preliminary findings;
- allow the Councillor to provide a written submission to the investigator about the suspected conduct breach and preliminary findings;
- require Council to consider the evidence and/or written submission from the Councillor in preparing the investigation report; and
- include, if evidence is given by the Councillor, a summary of the evidence and, if a written submission is provided, a full copy of the written submission, in the investigation report.

Council must give the following notices to the other parties:

- the person who made the complaint if an investigation is not started or dismissed including the reasons for the decision;
- the Assessor if an investigation is not started or dismissed including the reasons for the decision.

An absence of bias means that any investigation must not be biased or be seen to be biased in any way. This principle embodies the concept of impartiality.

A proper examination of all issues means the investigation must give a proper and genuine consideration to each party's case.

3.3. Standard of Proof

The civil standard of proof is applied by the investigator when determining whether a Councillor has engaged in a conduct breach.

The civil standard of proof is 'on the balance of probabilities' which means the weighing up and comparison of the likelihood of the existence of competing facts or conclusion.

An allegation is sustained 'on the balance of probabilities', if based on the evidence, the investigator and/or Council, is reasonably satisfied that its existence is more probable than not.

3.4. Protection from Reprisal

As part of the system of Councillor complaint management, another Council representative who makes a complaint or notification or intends to make a complaint or notification against a Councillor, are protected from acts of reprisal, payback or revenge.

3.5. Timeline

The Councillor Conduct Framework must be effective and efficient. The investigator will make all reasonable endeavours to complete the investigation and provide a report for inclusion on the agenda of the Council's Ordinary meeting within eight (8) weeks of commencing the investigation after the receipt of the complaint from the Assessor.

If the investigator is of the opinion that it may take longer than eight (8) weeks to complete the investigation, the matter should be raised with the Mayor or delegate (if the Mayor is managing the investigation) to seek an extension for time. Delay in procuring an investigator to undertake the investigation should be avoided by Council.

3.6. Expenses

Council must pay the expenses association with the investigation of suspected conduct breach of a Councillor including any costs of:

- an independent investigator engaged on behalf of Council;

- travel where the investigator needed to travel to undertake the investigation, or to interview witnesses;
- obtaining legal or expert advice.

Council may order the subject Councillor to reimburse them for all or some of the costs arising from a sustained conduct breach. These costs would only relate to obtaining legal or expert advice and reasonable costs for the investigator engaged to undertake the investigation. Any costs incurred by the complainants, or subject Councillor will not be met by Council. Where possible, costs should be kept to a reasonable rate taking into consideration the costs for more serios matters dealt with by, for example, the Councillor Conduct Tribunal or other jurisdictions who deal with conduct matters.

3.7. Councillor Conduct Register

The CEO must ensure decisions and orders in accordance with the Act made about suspected conduct breach of a Councillor or any decision to not start, or to discontinue an investigation of suspected conduct breach under the Act are entered into the Councillor Conduct Register.

3.8. Independent Assessor's Referral

Council may receive a referral notice from the IA a referral notice about the suspected conduct breach of a Councillor. The referral notice will include details of the conduct and any complaint received about the conduct, state why the IA reasonable suspects that the Councillor has engaged in a conduct breach and include information about the facts and circumstances that form the basis of the IA's reasonable suspicion.

Council must deal with the matter and the investigation must be conducted in a way that is consistent with this policy.

The IA must give notice to the Councillor that states the Councillor's conduct has been referred to Council to deal with and a copy of the referral notice must be attached.

3.8.1. Receipt of the Independent Assessor's Referral

On receipt of a referral notice about the suspected conduct breach of a Councillor from the IA the CEO will forward a copy of that referral notice to the Mayor and all Councillors as a confidential document.

The Councillor who is the subject of the complaint and the complainant, if the complainant is a Councillor, have a declarable conflict of interest and should manage it in a way that is consistent with the requirements of the Conduct of Council and Committee Meetings Policy – Statutory017.

The Mayor will manage the investigation process and may undertake the investigation themselves, or engage an external investigator to investigate the suspected conduct breach and prepare an investigation report with recommendations about whether the Councillor engaged in a conduct breach and how the conduct may be dealt with. If the Mayor has a conflict of interest in the matter, the Mayor's powers to manage the investigation can be delegated by the Mayor to another Councillor who has no conflict of interest in relation to the matter in accordance with the Act.

3.9. When Council may decide not to start, or to discontinue an investigation

If there are circumstances for considering not starting or discontinuing an investigation, the matter will be places on the agenda for the next Council Ordinary meeting. Council may decide by resolution to not start, or discontinue, a suspected conduct breach matter. The resolution must state the decision and the reasons for the decision.

The only circumstances in which Council can formally not start or discontinue are in the Act.

The matters not started or discontinued must be reported in the annual report (including the reasons) and recorded in the Councillor Conduct Register.

3.10.Council investigating the suspected conduct breach of a Councillor

Unless the matter has been delegated, the Mayor will manage the investigation of suspected conduct breach matters relating to other Councillors by either performing the role of investigator or engaging a suitably qualified person to undertake the investigation and provide an investigation report for

Council to consider. The Mayor is authorised by this policy to expend money as reasonably needed to engage contractors in accordance with Council's procurement policy.

If the investigator obtains information which indicates a Councillor may have engaged in misconduct, the investigator must cease the investigation and advise the Mayor and CEO. The CEO will then provide an information notice to the AI giving the details of the suspected misconduct.

If the investigator obtains information that indicates a Councillor may have engaged in corrupt conduct, the investigator must cease the investigation and advise the Mayor and CEO. The CEO will provide an information notice to the IA giving the details of the suspected corrupt conduct and notify the Crime and Corruption Commission of the suspected corrupt conduct.

3.11.Engaging an Investigator

Once an investigator has been selected to undertake the investigation, that investigator will follow the investigation standards of Council.

Once the investigation is finalised the investigator will prepare a report for Council, including the following details:

- the investigation process;
- any witnesses interviewed;
- documents or other evidence obtained;
- a statement of the relevant facts ascertained;
- confirmation that the subject Councillor has been provided with an opportunity to respond to the complaint and the evidence compiled;
- the investigation findings;
- a statement of any relevant previous disciplinary history;
- any recommendations about dealing with the conduct;
- a record of the investigation costs.

3.12.Completion of investigations

3.12.1. Findings and recommendations

The investigator must prepare a Preliminary Statement of Findings and must give the preliminary findings to the Councillor before preparing the Investigation Report. The Councillor must be invited by the investigator to give evidence and/or provide a written statement about the conduct and preliminary findings.

The investigator must consider any evidence and/or written submission given by the Councillor in preparing the investigation report and include a summary of the evidence and a full copy of any written submission in the investigation report.

3.12.2. Investigation Report

The investigator must prepare an investigation report about the investigation of a suspected conduct breach matter referred by the IA to Council in accordance with the Act. The investigation report must include the findings of the investigation, a summary of the evidence or a full copy of any written submission given by the Councillor and the recommendations for consideration by Council.

A summary investigation report with the preliminary Statement of Findings and summary of the outcome of the investigation attached, must be prepared for public availability before the meeting where the Councillors will consider the investigation report matter on or before the day and time prescribed by the Act, which is:

- 5:00 pm on the next business day after the notice of the meeting at which a decision is to be made has been provided to the Councillors; or
- the day and time when the agenda for the meeting at which a decision is to be made is publicly available.

Council must prepare a summary of the investigation report that must include:

- the name of the Councillor whose conduct has been investigated; and
- a description of the alleged conduct; and
- a statement of the facts established by the investigation; and
- a description of how natural justice was afforded to the Councillor during the conduct of the investigation; and
- a summary of the findings of the investigation; and
- any recommendations made by the investigator who investigated the conduct.

The following information must not be made publicly available:

- if the investigation relates to the conduct of a Councillor that was the subject of a complaint:
  - the name of the person who made the complaint or any other person, other than the Councillor; or
  - information that could reasonably be expected to result in identifying the person who made the complaint or any other person;
- if a person, other than the Councillor provided information for the purposes of the investigation including for example, by giving an interview or making a submission or affidavit:
  - the name of the person; or
  - information that could reasonably be expected to result in identifying the person or any other person, other than the Councillor;
- any other information Council is entitled or required to keep confidential under a law.

3.12.3. Making a decision about the Investigation

Council must make a decision as to whether the subject Councillor has engaged in a conduct breach.

When considering the matter, the subject Councillor who has a declarable conflict of interest in the matter, must declare the conflict of interest, and the eligible Councillors (those who do not have a conflict of interest in the matter) can decide by resolution for the subject Councillor to remain in the meeting during the debate and may answer questions put to the subject Councillor through the Chairperson to assist the eligible Councillors in making a decision. The resolution can include conditions that the subject Councillor must leave the place where the meeting is being held, including any area set aside for the public, during the vote on whether they have committed a conduct breach.

Should the complainant be a Councillor, that Councillor has a declarable conflict of interest in the matter and must follow the declarable conflict of interest procedures set out in the Conduct of Council and Committee Meetings Policy – Statutory017.

If the Council has lost quorum due to the number of conflicted Councillors or another reason, the matter must be delegated consistent with the Act, or deferred to another date when a quorum will be present.

If a decision is reached that the Councillor has engaged in a conduct breach, the Council (with the exception of the Councillor the subject of the investigation and the complainant, if another Councillor), will consider the findings and recommendations of the investigator's report and decide what, if any, action it will take under the Act.

After making a decision about the conduct breach, the Council must make the investigation report for the investigation publicly available after the meeting at which the decision about the outcome of the investigation is made by:

- on or before 5:00 pm on the tenth day after the meeting at which the decision is made; or
- if the minutes of the meeting are made publicly available earlier, the day and time that the meeting minutes are made publicly available.

The following information contained in the investigation report must not be made publicly available:

- if the investigation relates to the conduct of Councillor that was the subject of a complaint:

- the name of the person who made the complaint or any other person, other than the Councillor even if that person has a declarable conflict of interest; or
- information that could reasonably be expected to result in identifying a person;

- if a person, other than a Councillor, provided information for the purposes of the investigation including, for example, by giving an interview or making a submission or affidavit:
  - the name of the person; or
  - information that could reasonably be expected to result in identifying the person or any other person, other than the Councillor.
- the submission or affidavit of, or a record or transcript of information provided orally by, a person, including for example, a transcript of an interview;
- any other information Council is entitled or required to keep confidential under a law (for example documents subject to legal professional privilege or information) that is part of a public interest disclosure under the *Public Interest Disclosure Act 2010*;
- the report made publicly available must include the name of the person who made the complaint if:
  - the person is a Councillor or the CEO of Council;
  - the person's identity as the complainant was disclosed at the meeting at which the report for the investigation was considered.

3.13.Disciplinary action against Councillors

If Council decides that the Councillor has engaged in a conduct breach, the Council may:

i. order that no action be taken against the Councillor in accordance with the Act;

ii. make one or more of the orders listed in the Act.

3.14.Notice about the outcome of the investigation

After an investigation is finalised, Council must give a notice about the outcome decision of the investigation if Council decides not to start or discontinue an investigation, or makes a decision about whether the Councillor has engaged in a conduct breach, including the reasons for the decision and any orders made under the Act to:

- the IA;
- the person who made the complaint about the Councillor conduct that was the subject of the investigation; and
- the subject Councillor who was investigated.

4. DEFINITIONS

Act means the *Local Government Act 2009.*

Behavioural standard means a standard of behaviour for Councillors set out in the Code of Conduct for Councillors in Queensland approved pursuant to *Section 150D* and*150E* of the Act.

Conduct means

- failing to act; and
- a conspiracy, or attempt, to engage in conduct.

Conduct breach means a breach as set out in *Section 150K* of the Act.

Conduct of Council & Committee Meetings Policy means a policy that sets out guidelines in accordance with *Section 150F* of the Act.

Councillor conduct register means the register required to be kept by Council as set out in *Section 150DX* and *150DY* of the Act.

Councillor Conduct Investigation Policy means this policy as required under *Section 150AE* of the Act.

Council meeting means a meeting of:

(a) a Council; or

(b) a committee of Council.

Council representative means Councillors and Council employees including permanent, casual and temporary employees, contractors, volunteers, apprentices, trainees and work experience students.

Independent Assessor means the Independent Assessor ('IA') appointed under *Section 150CT* of the Act.

Investigation report means a report provided by the investigator to Council that must be publicly available within 10 business days after the Council makes a decision about the outcome of the investigation.

Investigator means the person responsible under this policy for carrying out the investigation of the suspected conduct breach of a Councillor or Mayor.

Misconduct means misconduct in accordance with *Section 150L* of the Act.

Natural justice means a set of principles to ensure fair and just decision making, including a fair hearing, an absence of bias, decisions based on evidence, and the proper examination of all issues.

Referral notice means a notice as set out in *Section 150AB, 150AC* and *150AD* of the Act.

Summary of investigation report means a summary of the full investigation report prepared before making a decision about the outcome of the investigation that must be publicly available on or before the day prescribed by regulation.

Tribunal means the Councillor Conduct Tribunal as established under *Section 150DK* of the Act.

Unsuitable meeting conduct means conduct as set out in *Section 150H* of the Act.

5. LEGISLATIVE REFERENCE

Crime and Corruption Act 2001 (Qld)

Local Government Act 2009 (Qld)

Local Government Regulation 2012 (Qld)

Public Interest Disclosure Act 2010 (Qld)

6. RELATED DOCUMENTS

Code of Conduct for Councillors in Queensland

South Burnett Regional Council Acceptable Request Guidelines Policy – Statutory004

South Burnett Regional Council Conduct Breach Investigation Procedure – Procedure138

South Burnett Regional Council Conduct of Council & Committee Meetings Policy – Statutory017

South Burnett Regional Council Expenses Reimbursement for Councillors Policy – Statutory002

7. NEXT REVIEW

As prescribed by legislation or July 2026

8. VERSION CONTROL

Version	Revision **Description**	Adopted Date	ECM Reference
1.	Development of policy	9 April 2008	428898
2.	Review of policy	25 June 2014	1314746
3.	Review & rename of policy	15 February 2017	2028975
4.	Creation of separate complaints policy for Councillors	12 December 2018	2556506
5.	Review of policy – Legislation Update & rename of policy	25 November 2020	2741140
6.	Administrative change replacing Social & Corporate Performance Branch with Corporate Services Branch as per Council Resolution 2021/296	24 March 2021	2741140
7.	Review of Policy – Resolution 2021/95	25 August 2021	2741140
8.	Administrative amendment - organisational structure review – resolution 2022/432	27 April 2022	2741140
9.	Review of Policy		2741140

Mark Pitt PSM
CHIEF EXECUTIVE OFFICER

Date:

12.2 ADOPTION OF THE SOUTH BURNETT REGIONAL COUNCIL REMOTE PILOTED AIRCRAFT DRONE POLICY - STATUTORY055

File Number: **17-Jul-2024**

Author: **Coordinator Corporate**

Authoriser: **Chief Executive Officer**

PRECIS

Adoption of the South Burnett Regional Council Remote Piloted Aircraft Drone Policy – Statutory055.

SUMMARY

South Burnett Regional Council ('Council') has developed this policy to set guidelines on the appropriate usage of Remote Piloted Aircraft.

OFFICER'S RECOMMENDATION

That the South Burnett Regional Council Remote Piloted Aircraft Drone Policy – Statutory055 be adopted as presented.

FINANCIAL AND RESOURCE IMPLICATIONS

No direct financial and resource implications arise from this report which have not already been considered in the development of Council's annual budget.

LINK TO CORPORATE/OPERATIONAL PLAN

Corporate Plan 2021 - 2026	OR2 Achieve community recognition as an ethical Council that values and practices community consultation, accountable governance, and open and transparent decision-making
Operational Plan 2023/2024	Deliver the Council Policy Governance Framework aligned to strategic planning and relevant legislation incorporating Council's policies, procedures, forms, and factsheets
	Promote a high standard of corporate responsibility, transparency and accountability in decision making at all levels of the organisation in the best interest of Council and the community aligning to legislation and Council policy

COMMUNICATION/CONSULTATION (INTERNAL/EXTERNAL)

The South Burnett Regional Council Remote Piloted Aircraft Drone Policy – Statutory055 has been reviewed by ICT and Fleet and Corporate Governance and Strategy.

LEGAL IMPLICATIONS (STATUTORY BASIS, LEGAL RISKS)

Civil Aviation Act 1988

Civil Aviation Safety Regulations 1988

Information Privacy Act 2009

Public Records Act 2002

Section 4(b) of the *Human Rights Act 2019* requires public entities to act and make decisions in a way compatible with human rights. The Act requires public entities to only limit human rights in certain circumstances and after careful consideration. The human rights protected under the Act are not absolute. This means that the rights must be balanced against the rights of others and public policy issues of significance.

In the decision-making process, Council is to consider the 23 human rights:	
1. Recognition and equality before the law;	13. Cultural rights—Generally;
2. Right to life;	14. Cultural rights—Aboriginal peoples and Torres Strait Islander peoples;
3. Protection from torture and cruel, inhuman or degrading treatment;	15. Right to liberty and security of person;
4. Freedom from forced work;	16. Humane treatment when deprived of liberty;
5. Freedom of movement;	17. Fair hearing;
6. Freedom of thought, conscience, religion and belief;	18. Rights in criminal proceedings;
7. Freedom of expression;	19. Children in the criminal process;
8. Peaceful assembly and freedom of association;	20. Right not to be tried or punished more than once;
9. Taking part in public life;	21. Retrospective criminal laws;
10. Property rights;	22. Right to education;
11. Privacy and reputation;	23. Right to health services.
12. Protection of families and children;	

POLICY/LOCAL LAW DELEGATION IMPLICATIONS

No direct local law or delegation implications arise from this report.

ASSET MANAGEMENT IMPLICATIONS

No direct asset management implications arise from this report.

REPORT

The purpose of this policy is to provide guidance on the appropriate utilisation of the South Burnett Regional Council Remote Piloted Aircraft.

ATTACHMENTS

1. Remote Piloted Aircraft Drone Policy - Statutory055 ⇩

POLICY CATEGORY - NUMBER: Statutory055
POLICY OWNER: ICT & Fleet

ECM ID: 2491103
ADOPTED:

Remote Piloted Aircraft Drone Policy

NOTE: Council regularly reviews and updates its policies. The latest controlled version can be obtained from the Policy Register on Council's intranet or by contacting Council's Corporate, Governance & Strategy Branch. **A hard copy of this electronic document is considered uncontrolled when printed.**

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1. POLICY STATEMENT

The purpose of this policy is to provide guidance on the appropriate utilisation of the South Burnett Regional Council ('Council') Remote Piloted Aircraft ('RPA').

2. SCOPE

This policy sets the responsibility of Council representatives.

3. GENERAL INFORMATION

This policy provides assurances to individuals that Council will meet all its legal obligations and through the use of RPA's, for example:

- implementing the use of RPA's in a financially responsible and safe manner;
- ensuring operations that utilise RPA's are in alignment with public interest and governing legislation;
- instigating RPA's for continuous improvement in Council's operations. This includes, but is not limited to, asset management and surveying activities;
- ensuring RPA's are operated in alignment with Council's privacy policy and principles;
- ensuring all RPA's are operated in a manner consistent with the *Civil Aviation Safety Authority Regulations1998,* as per Council's Remote Operators Certificate ('ReOC');
- ensuring drone operations are compliant with established Workplace Health and Safety Drone SWI;
- using RPA's in a manner that reduces/eliminates risk for Council representatives and the wider community; and
- limiting the collection and distribution of data gathered by RPA's in compliance with the Information Privacy Policy – Statutory038 and *Public Records Act 2002*.

4. DEFINITIONS

Council representative means all Councillors and Council employees including permanent, casual and temporary employees, apprentices, trainees, contractors, volunteers, and work experience students.

ReOC means RPA operator's certificate.

RPA – Remote Piloted Aircraft means as defined by International Civil Aviation Organisation as a

form of Unmanned Aerial Systems ('UAS') which is non-autonomous in its capacities, the aircraft being subject to direct pilot control at all stages of flight despite operating 'remotely' from that pilot. Civil Aviation safety Authority and has recently shifted to use of the term RPAs as its primary day to day terminology.

SWI – Safe working instructions means a set of written instructions that identify the health and safety issues that may arise from use of machinery and equipment or be based on a task or process.

5. LEGISLATIVE REFERENCE

Civil Aviation Act 1988 (Cth)

Civil Aviation Safety Regulations 1998 (Cth)

Information Privacy Act 2009 (Qld)

Public Records Act 2002 (Qld)

6. RELATED DOCUMENTS

Code of Conduct for Councillors in Queensland

South Burnett Regional Council Employee Code of Conduct – Statutory011

South Burnett Regional Council Information Privacy Policy – Statutory038

Safe Work Instruction SWI-051 Drone Operations

7. NEXT REVIEW

As prescribed by legislation or July 2026

8. VERSION CONTROL

Version	Revision Description	Adopted Date	ECM Reference
1	Development of policy	24 April 2018	2491103
2	Review of policy	22 September 2021	2491103
3	Administrative amendment – organisational structure review – resolution 2022/432	27 April 2022	2491103
4	Review of policy		2491103

Mark Pitt PSM
CHIEF EXECUTIVE OFFICER

Date:

12.3 ADOPTION OF THE SOUTH BURNETT REGIONAL COUNCIL MAGPIE BEHAVIOUR MANAGEMENT POLICY - STRATEGIC038

File Number: **17-Jul-2024**

Author: **Coordinator Corporate**

Authoriser: **Chief Executive Officer**

PRECIS

Adoption of the South Burnett Regional Council Magpie Behaviour Management Policy – Strategic038.

SUMMARY

South Burnett Regional Council ('Council') has developed this policy to provide guidelines to ensure any activity associated with the management of magpie behaviour is responsible and complies with legislation.

OFFICER'S RECOMMENDATION

That the South Burnett Regional Council Magpie Behaviour Management Policy – Strategic038 be adopted as presented.

FINANCIAL AND RESOURCE IMPLICATIONS

No direct financial and resource implications arise from this report which have not already been considered in the development of Council's annual budget.

LINK TO CORPORATE/OPERATIONAL PLAN

Corporate Plan 2021 - 2026	OR2 Achieve community recognition as an ethical Council that values and practices community consultation, accountable governance, and open and transparent decision-making
Operational Plan 2023/2024	Deliver the Council Policy Governance Framework aligned to strategic planning and relevant legislation incorporating Council's policies, procedures, forms, and factsheets
	Promote a high standard of corporate responsibility, transparency and accountability in decision making at all levels of the organisation in the best interest of Council and the community aligning to legislation and Council policy

COMMUNICATION/CONSULTATION (INTERNAL/EXTERNAL)

The South Burnett Regional Council Magpie Behaviour Management Policy – Strategic038 has been reviewed by Facilities and Parks and Corporate Governance and Strategy.

LEGAL IMPLICATIONS (STATUTORY BASIS, LEGAL RISKS)

Nature Conservation Act 1992

Section 4(b) of the *Human Rights Act 2019* requires public entities to act and make decisions in a way compatible with human rights. The Act requires public entities to only limit human rights in certain circumstances and after careful consideration. The human rights protected under the Act are not absolute. This means that the rights must be balanced against the rights of others and public policy issues of significance.

In the decision-making process, Council is to consider the 23 human rights:	
1. Recognition and equality before the law;	13. Cultural rights—Generally;
2. Right to life;	14. Cultural rights—Aboriginal peoples and Torres Strait Islander peoples;
3. Protection from torture and cruel, inhuman or degrading treatment;	15. Right to liberty and security of person;
4. Freedom from forced work;	16. Humane treatment when deprived of liberty;
5. Freedom of movement;	17. Fair hearing;
6. Freedom of thought, conscience, religion and belief;	18. Rights in criminal proceedings;
7. Freedom of expression;	19. Children in the criminal process;
8. Peaceful assembly and freedom of association;	20. Right not to be tried or punished more than once;
9. Taking part in public life;	21. Retrospective criminal laws;
10. Property rights;	22. Right to education;
11. Privacy and reputation;	23. Right to health services.
12. Protection of families and children;	

POLICY/LOCAL LAW DELEGATION IMPLICATIONS

No direct local law or delegation implications arise from this report.

ASSET MANAGEMENT IMPLICATIONS

No direct asset management implications arise from this report.

REPORT

The purpose of this policy is to provide guidelines for Council representatives to ensure any activity associated with the management of magpie behaviour is responsible and complies with legislation.

ATTACHMENTS

1. Magpie Behaviour Management Policy - Strategic038 ⇩

POLICY CATEGORY - NUMBER: Strategic038
POLICY OWNER: Liveability

ECM ID: 2840969
ADOPTED:

Magpie Behaviour Management Policy

NOTE: Council regularly reviews and updates its policies. The latest controlled version can be obtained from the Policy Register on Council's intranet or by contacting Council's Corporate, Governance & Strategy Branch. **A hard copy of this electronic document is considered uncontrolled when printed**.

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1. POLICY STATEMENT

The purpose of this policy is to provide guidelines for South Burnett Regional Council ('Council') representatives to ensure any activity associated with the management of magpie behaviour is responsible and complies with legislation.

2. SCOPE

This policy applies to all Council representatives.

3. GENERAL INFORMATION

3.1. Preventing an injury from a Swooping Magpie

Council representatives are to advise customers of steps a person can take when confronted with a swooping magpie, including:

- wear a broad-brimmed hat and sunglasses or shelter under an umbrella to protect a person's face from swooping magpies;
- painting or sticking large 'eyes' on the back of a person's hat can deter magpies (limited effectiveness for cyclists);
- attaching zip ties or tie strips of bird tape to bike helmets;
- if a magpie swoops while a person is cycling, it may stop swooping if the person dismounts their bike and walks to remove themselves from the vicinity of the swooping magpie;
- avoid defence zones by taking alternative routes during the breeding season;
- if a person must enter a defence zone, magpies will likely be less inclined to swoop if they are watched constantly, or if people walk in a close group;
- reporting defence zones to Council so appropriate signage to warn others of the location of nests and defence zones can be erected, particularly in areas used by vulnerable persons such as children and the elderly;
- waving sticks or umbrellas in the air or attaching a brightly coloured flag on a long pole to your bicycle can divert magpies from swooping;
- it is not recommenced to fight back if a magpie swoops. Throwing sticks and stones or yelling at a magpie are likely to make it more aggressive next time a person enters a defence zone;

- never approach a young magpie. Fledglings that have just left the nest or have fallen out are likely to be under the watchful eye of a magpie parent. If a person picks them up or gets too close the magpie parent may think a person is a possible predator and become defensive in the future; and
- parental supervision of children whilst in a known magpie defence zone and preventing them from inadvertently antagonising magpies.

3.2. Swooping Magpie Signage

Council encourages customers to report the location of swooping magpies so appropriate signage can be erected at the entry to a defence zone.

3.3. Removal of Aggressive Magpies

Council will investigate the removal of aggressive magpies that cause injury or harm to people while on Council controlled land.

Council will engage a licenced bird relocator to undertake the relocation of identified magpies causing injury or harm during the nesting season. Council will not respond/remove individual birds in the first instance and will compile a master list to ensure there are sufficient magpies requiring relocation to warrant engagement of a bird relocator.

Council may secure the services of a licensed bird relocator but will not be able to provide a specific time period for removal to customers. Relocation will be subject to the availability of a licenced bird relocator, budget allocations, and other mitigating factors such as number of reported incidents, weather conditions and the like.

If aggressive magpies are nesting or swooping on private property, the customer may engage a licenced bird relocator at their own expense.

4. DEFINITIONS

Australian Magpie means a medium-sized black and white passerine bird native to Australia and southern New Guinea. Although once considered to be three separate species, it is now considered to be one, with nine recognised subspecies.

Council representative means all Councillors and Council employees including permanent, casual and temporary employees, apprentices, trainees, contractors, volunteers, and work experience students.

Defence Zone means a zone where a magpie is swooping persons moving through the zone.

Nesting Season means the period between July and November each calendar year.

5. LEGISLATIVE REFERENCE

Nature Conservation Act 1992 (Qld)

6. RELATED DOCUMENTS

Queensland Government – Guideline - relocating problem magpies

Queensland Government – Swooping Magpies Flyer

South Burnett Regional Council Living with Magpies Factsheet

7. NEXT REVIEW

As prescribed by legalisation or July 2026

8. VERSION CONTROL

Version	Revision Description	Adopted Date	ECM Reference
1	Development of policy	24 November 2021	2840969
2	Administrative amendment – organisational structure review – resolution 2022/432	27 April 2022	2840969
3	Review of policy		2840969

Mark Pitt PSM
CHIEF EXECUTIVE OFFICER

Date:

12.4 ADOPTION OF THE SOUTH BURNETT REGIONAL COUNCIL DISCOVERY, HANDLING AND MANAGEMENT OF HUMAN REMAINS POLICY - STATUTORY016

File Number: **17-Jul-2024**

Author: **Coordinator Corporate**

Authoriser: **Chief Executive Officer**

PRECIS

Adoption of the South Burnett Regional Council Discovery, Handling and Management of Human Remains Policy – Statutory016.

SUMMARY

South Burnett Regional Council ('Council') has developed this policy to provide Council representatives with the discovery, handling and management of human remains within the South Burnett Region. ('region').

OFFICER'S RECOMMENDATION

That the South Burnett Regional Council Discovery, Handing and Management of Human Remains Policy – Statutory016 be adopted as presented.

FINANCIAL AND RESOURCE IMPLICATIONS

No direct financial and resource implications arise from this report which have not already been considered in the development of Council's annual budget.

LINK TO CORPORATE/OPERATIONAL PLAN

Corporate Plan 2021 - 2026	OR2 Achieve community recognition as an ethical Council that values and practices community consultation, accountable governance, and open and transparent decision-making
Operational Plan 2023/2024	Deliver the Council Policy Governance Framework aligned to strategic planning and relevant legislation incorporating Council's policies, procedures, forms, and factsheets
	Promote a high standard of corporate responsibility, transparency and accountability in decision making at all levels of the organisation in the best interest of Council and the community aligning to legislation and Council policy

COMMUNICATION/CONSULTATION (INTERNAL/EXTERNAL)

The South Burnett Regional Council Discovery, Handling and Management of Human Remains Policy – Statutory016 has been reviewed by Community & Lifestyle and Corporate Governance and Strategy.

LEGAL IMPLICATIONS (STATUTORY BASIS, LEGAL RISKS)

Aboriginal Cultural Heritage Act 2003 (Qld)

Criminal Code Act 1899 (Qld)

Coroners Act 2003 (Qld)

Local Government Act 2009

Torres Strait Islander Cultural Heritage Act 2003 (Qld)

Section 4(b) of the *Human Rights Act 2019* requires public entities to act and make decisions in a way compatible with human rights. The Act requires public entities to only limit human rights in certain circumstances and after careful consideration. The human rights protected under the Act are not absolute. This means that the rights must be balanced against the rights of others and public policy issues of significance.

In the decision-making process, Council is to consider the 23 human rights:	
1. Recognition and equality before the law;	13. Cultural rights—Generally;
2. Right to life;	14. Cultural rights—Aboriginal peoples and Torres Strait Islander peoples;
3. Protection from torture and cruel, inhuman or degrading treatment;	15. Right to liberty and security of person;
4. Freedom from forced work;	16. Humane treatment when deprived of liberty;
5. Freedom of movement;	17. Fair hearing;
6. Freedom of thought, conscience, religion and belief;	18. Rights in criminal proceedings;
7. Freedom of expression;	19. Children in the criminal process;
8. Peaceful assembly and freedom of association;	20. Right not to be tried or punished more than once;
9. Taking part in public life;	21. Retrospective criminal laws;
10. Property rights;	22. Right to education;
11. Privacy and reputation;	23. Right to health services.
12. Protection of families and children;	

POLICY/LOCAL LAW DELEGATION IMPLICATIONS

No direct local law or delegation implications arise from this report.

ASSET MANAGEMENT IMPLICATIONS

No direct asset management implications arise from this report.

REPORT

The purpose of this policy is to adopt a policy framework to guide Council representatives with the discovery, handling and management of human remains within the South Burnett Region.

ATTACHMENTS

1. **South Burnett Regional Council Discovery, Handling and Management of Human Remains Policy - Statutory016** ⇩

POLICY CATEGORY - NUMBER: Statutory016
POLICY OWNER: Community & Lifestyle

ECM ID: 2734685
ADOPTED: 17 July 2024

Discovery, Handling and Management of Human Remains Policy

NOTE: Council regularly reviews and updates its policies. The latest controlled version can be obtained from the Policy Register on Council's intranet or by contacting Council's Corporate, Governance & Strategy Branch. **A hard copy of this electronic document is considered uncontrolled**.

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1. POLICY STATEMENT

South Burnett Regional Council ('Council') has developed this policy to guide Council representatives with the discovery, handling and management of human remains within the South Burnett region ('region').

2. SCOPE

This policy applies to all Council representatives and includes entities over which Council has direct ownership, management and/or financial control.

3. GENERAL INFORMATION

This policy recognises that human remains have social, cultural, and spiritual significance attached to them and therefore must be handled with respect.

This policy has been developed under the provisions of the *Aboriginal Cultural Heritage Act 2003,* the *Torres Strait Islander Cultural Heritage Act 2003*, *Criminal Code Act 1899,* and the *Coroners Act 2003*.

3.1. Guiding Principles

The guiding principles of this policy are that:

- Council representatives will treat each discovery of human remains with respect and dignity;
- human remains are not to be disturbed;
- the QPS is contacted in all discoveries; and
- all relevant legislation is adhered to by Council representatives at all times when discovering, handling and managing human remains.

On discovery of human remains the flowchart detailed in Appendix A is to be adhered to.

3.2. Desired Outcomes

This policy has a number of desired outcomes:

- while natural or human processes can inadvertently expose human remains, including Aboriginal or Torres Strait Islander human remains, all attempts will be made to limit further disturbance;
- if further investigation and disturbance is required, procedures are in place for the proper handling of such remains;

- all such procedures are sensitive to the wishes of the Aboriginal or Torres Strait Islander owners of the remains or any other person with links to the remains; and
- that Aboriginal or Torres Strait Islanders who have traditional or familial links with human remains are able to claim ownership of those remains.

4. DEFINITIONS

Coroner means an official who is responsible for examining the reasons for a person's death.

Council representative means all Councillors and Council employees including permanent, casual, and temporary employees, contractors, volunteers, apprentices, trainees and work experience students.

Human Remains means the body or part of the body of a deceased person.

QPS means Queensland Police Service.

5. LEGISLATIVE REFERENCE

Aboriginal Cultural Heritage Act 2003 (Qld)

Criminal Code Act 1899 (Qld)

Coroners Act 2003 (Qld)

Local Government Act 2009 (Qld)

Torres Strait Islander Cultural Heritage Act 2003 (Qld)

6. RELATED DOCUMENTS

Department of Aboriginal and Torres Strait Islander Partnerships Guidelines for the Discovery, Handling and Management of Human Remains South Burnett Regional Council Psychological Health, Safety and Wellbeing Procedure – Procedure135

7. NEXT REVIEW

As prescribed by legislation or July 2026

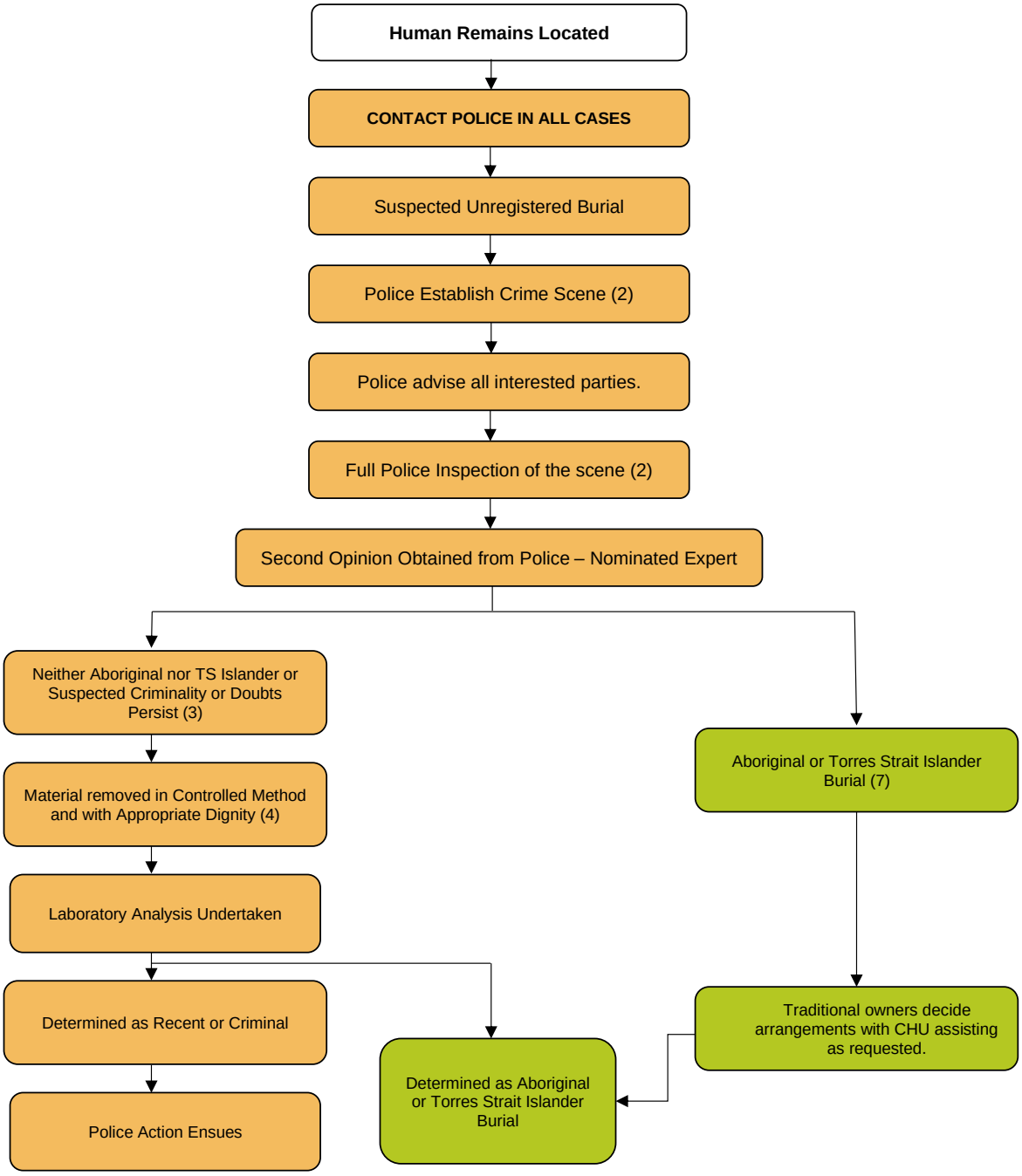
8. VERSION CONTROL

Version	Revision Description	Adopted Date	ECM Reference
1	New Policy	25 March 2009	504121
2	Review of Policy	25 November 2020	2734685
3	Administrative change replacing Social & Corporate Performance Branch with Corporate Services Branch as per Council Resolution 2021/296	24 March 2021	2734685
4	Administrative amendment – organisational review – resolution 2022/432	27 April 2022	2734685
5	Review of Policy	17 July 2024	2734685

Mark Pitt PSM
CHIEF EXECUTIVE OFFICER

Date: 17 July 2024

Appendix A



Reference: Guidelines for the Discovery, Handling and Management of Human Remains (Department of Aboriginal and Torres Strait Islander Partnerships, Queensland Government)

12.5 ADOPTION OF THE SOUTH BURNETT REGIONAL COUNCIL EXPENSES REIMBURSEMENT FOR COUNCILLORS POLICY - STATUTORY002

File Number: **17-Jul-2024**

Author: **Coordinator Corporate**

Authoriser: **Chief Executive Officer**

PRECIS

Adoption of the South Burnett Regional Council Expenses Reimbursement for Councillors Policy – Statutory002.

SUMMARY

South Burnett Regional Council ('Council') has developed this policy to provide a framework to ensure reimbursement of expenses incurred by Councillors and facilities provided to Councillors are consistent with the local government principles and financial sustainability criteria as defined in the *Local Government Act 2009*.

OFFICER'S RECOMMENDATION

That the South Burnett Regional Council Expenses Reimbursement for Councillors Policy – Statutory002 be adopted as presented.

FINANCIAL AND RESOURCE IMPLICATIONS

No direct financial and resource implications arise from this report which have not already been considered in the development of Council's annual budget.

LINK TO CORPORATE/OPERATIONAL PLAN

Corporate Plan 2021 - 2026	OR2 Achieve community recognition as an ethical Council that values and practices community consultation, accountable governance, and open and transparent decision-making
Operational Plan 2024/2025	Deliver the Council Policy Governance Framework aligned to strategic planning and relevant legislation incorporating Council's policies, procedures, forms, and factsheets
	Promote a high standard of corporate responsibility, transparency and accountability in decision making at all levels of the organisation in the best interest of Council and the community aligning to legislation and Council policy

COMMUNICATION/CONSULTATION (INTERNAL/EXTERNAL)

The South Burnett Regional Council Expenses Reimbursement for Councillors Policy – Statutory002 has been reviewed by Councillors, Executive Services and Corporate Governance and Strategy.

LEGAL IMPLICATIONS (STATUTORY BASIS, LEGAL RISKS)

Local Government Act 2009

Local Government Regulation 2012

Income Tax Assessment Act 1997

Section 4(b) of the *Human Rights Act 2019* requires public entities to act and make decisions in a way compatible with human rights. The Act requires public entities to only limit human rights in certain circumstances and after careful consideration. The human rights protected under the Act are not absolute. This means that the rights must be balanced against the rights of others and public policy issues of significance.

In the decision-making process, Council is to consider the 23 human rights:	
1. Recognition and equality before the law;	13. Cultural rights—Generally;
2. Right to life;	14. Cultural rights—Aboriginal peoples and Torres Strait Islander peoples;
3. Protection from torture and cruel, inhuman or degrading treatment;	15. Right to liberty and security of person;
4. Freedom from forced work;	16. Humane treatment when deprived of liberty;
5. Freedom of movement;	17. Fair hearing;
6. Freedom of thought, conscience, religion and belief;	18. Rights in criminal proceedings;
7. Freedom of expression;	19. Children in the criminal process;
8. Peaceful assembly and freedom of association;	20. Right not to be tried or punished more than once;
9. Taking part in public life;	21. Retrospective criminal laws;
10. Property rights;	22. Right to education;
11. Privacy and reputation;	23. Right to health services.
12. Protection of families and children;	

POLICY/LOCAL LAW DELEGATION IMPLICATIONS

No direct local law or delegation implications arise from this report.

ASSET MANAGEMENT IMPLICATIONS

No direct asset management implications arise from this report.

REPORT

The purpose of this policy is to adopt a policy framework to ensure reimbursement of expenses incurred by Councillors and facilities provided to Councillors are consistent with the local government principles and financial sustainability criteria as defined in the *Local Government Act 2009*. The policy does not provide for Councillor remuneration as in accordance with the determination of the Local Government Remuneration Commission.

ATTACHMENTS

1. Expenses Reimbursement for Councillors Policy - Statutory002 ⇩

POLICY CATEGORY - NUMBER: Statutory002
POLICY OWNER: Executive Services

ECM ID: 2700021
ADOPTED: 17 July 2024

Expenses Reimbursement for Councillors Policy

NOTE: Council regularly reviews and updates its policies. The latest controlled version can be obtained from the Policy Register on Council's intranet or by contacting Council's Corporate, Governance & Strategy Branch. **A hard copy of this electronic document is considered uncontrolled when printed.**

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1. POLICY STATEMENT

This policy provides a framework to ensure that South Burnett Regional Council ('Council') reimbursement of expenses incurred by Councillors ('Councillors') and facilities provided to Councillors are consistent with the local government principles and financial sustainability criteria as defined in the *Local Government Act 2009* ('Act').

Additional principles that underpin this policy are:

- the use of public monies in the public interest by responsible budgeting and accounting.
- fair and reasonable allocation of Council resources in the form of allowances, facilities, and other benefits, to enable all Councillors to conduct the duties of their office.
- accountability for expenditure and use of facilities through full justification and acquittal.

2. SCOPE

This policy applies to Councillors of South Burnett Regional Council.

This policy does not provide for Councillor remuneration as in accordance with the determination of the Local Government Remuneration Commission.

3. GENERAL INFORMATION

3.1. Payment of Expenses

Council will pay for/reimburse expenses incurred for:

- mandatory professional development; and
- discretionary professional development deemed essential for the Councillor's role and approved by Council.

3.2. Corporate Uniform

Council will make available a professional Corporate Uniform allowance of $330 per annum (exclusive of GST).

3.3. Legal Assistance and Insurance Cover

Council shall pay any reasonable expenses of Council associated with the informal resolution or investigation of suspected conduct breach of a Councillor including any costs of:

- a mediator and/or investigator engaged under Council's Councillor Conduct Complaints Investigation Policy;

- seeking legal advice; or
- engaging an expert.

The provision of legal assistance/payment of legal costs incurred by a Councillor shall be provided subject to prior approval being granted by the Chief Executive Officer ('CEO') and endorsed by resolution of Council. Where it has been found that the Councillor has acted dishonestly or neglectfully or breached the provisions of the Act, the Councillor will, by resolution of Council, reimburse Council with all associated costs incurred by the Councillor.

Councillors will be covered under Council insurance policies while discharging civic duties. Insurance cover will be provided for public liability, professional indemnity, Councillor's liability, personal accident and/or workers' compensation, international and domestic travel insurance.

3.4. Travel as required to represent Council

Council may reimburse local and in some cases interstate and overseas travel expenses (for example flights, car hire or mileage, parking, accommodation, meals, and associated registration fees) deemed necessary to achieve the business of Council where:

- a Councillor is an official representative of Council; and
- the activity/event and travel have been endorsed by resolution of Council.

Councillors are to travel via the most direct route, using the most economical and efficient mode of transport. Council will pay for reasonable expenses incurred for overnight accommodation when a Councillor is required to stay outside the South Burnett region.

Any fines incurred while travelling in Council owned vehicles or privately owned vehicles when attending Council business, will be the responsibility of the Councillor (driving or in charge of the motor vehicle) incurring the fine.

3.5. Travel Bookings

All Councillor travel approved by Council will be booked and paid for by Executive Services. Economy class is to be used where possible. Airline tickets are not transferable and can only be procured for the Councillor's travel on Council business. Travel costs cannot be used to offset other unapproved expenses (for example cost of partner or spouse accompanying the Councillor).

3.6. Travel Transfer Costs

All travel transfer expenses associated with Councillors travelling for Council approved business will be reimbursed, (for example, trains, taxis, road tolls, buses, and ferry fares). Cab charge vouchers may also be used if approved by the CEO where Councillors are required to undertake duties relating to the business of Council.

3.7. Accommodation

All Councillor accommodation for Council business will be booked and paid for by Council. Council will pay for the most economical accommodation available. Where possible, the minimum standards for Councillors' accommodation should be three (3) star rating. Where particular accommodation is recommended by conference organisers, Council will take advantage of the package that is the most economical and convenient to the event.

3.8. Meals

Council will reimburse costs of meals for a Councillor when:

- the Councillor incurs the cost personally and can produce original documents sufficient to verify the actual meal cost; and
- the meal was not provided within the registration costs of the approved activity/event; or during a funded flight.

The following (incl. GST) are reasonable for reimbursement by Council:

- Breakfast $17.50
- Lunch $25.00
- Dinner $50.00

This policy notes that these fees are a guide, Capital city costs may vary and will be considered on a case-by-case basis.

Alcoholic beverages will not be reimbursed under this policy. Snacks/drinks purchased outside of meal allowance will not be reimbursed under this policy.

Should the cost be for a greater value than those listed above, and the cost is deemed reasonable by the CEO, then reimbursement for the full cost may be provided.

3.9. Responsibility

Councillors accept full responsibility for the accuracy of each claim. Failure to comply with this policy, falsifying claims or the misuse of facilities may represent official misconduct and be referred to the Independent Assessor or Crime and Corruption Commission.

3.10. Facilities

All facilities provided to Councillors remain the property of Council and must be returned when a Councillor's term expires, or they cease in their role.

3.11. Private Use of Council Owned Facilities

Based on the principle that no private benefit is to be gained, the facilities provided to Councillors by Council are to be used only for Council business unless prior approval has been granted by resolution of Council. The Council resolution authorising private use of Council owned facilities will set out the terms under which the Councillors will reimburse Council for the percentage of private use. This would apply to Council vehicles and mobile telecommunication devices.

Councillors will be provided facilities as detailed which have been based on the principle that no private benefit is to be gained from the facilities provided.

3.12. Administrative Tools

Administrative tools will be provided to Councillors as required to assist Councillors in their role. Administrative tools include:

- designated office space (where space is available within a Council facility);
- access to meeting rooms;
- computer including internet access and wireless remote access where appropriate;
- stationery;
- access to photocopiers, scanners and printers;
- copies of publications; and
- use of Council landline telephones and internet in Council offices.

Administration support will be provided to the Mayor with limited administration support provided to Councillors with approval from the CEO.

3.13. Maintenance costs of Council owned equipment

Council will be responsible for the ongoing maintenance and reasonable wear and tear costs of Council owned equipment that is supplied to Councillors for official business use. This includes the replacement of any facilities, which fall under Council's asset replacement program.

3.14. Name Badge & Personal Protective Equipment for Councillors

Council will provide Councillors with an Identification Card and name badge/s. Councillors will be provided the necessary personal protective equipment for use on official business when needed (for example safety helmet, vest and safety boots). Councillors are expected to observe the appropriate Work Health and Safety policies and procedures while at any workplace.

3.15. Telecommunication Needs - Mobile Devices

Mobile telecommunications devices owned by Council will be provided to Councillors for official Council business. “Bring Your Own” devices requests will be approved upon application to the CEO on a case by case basis.

3.16. Contribution to Councillors Telephone Costs

Council will contribute up to $1,000 per annum to Councillors to offset the cost of mobile telephone costs and will be reimbursed on the production of appropriate invoices/tax receipts. For Councillors supplied mobile telephone, Council will pay the monthly account to a maximum of $1,000.

3.17. Vehicle Fuel and Operation Costs

Councillors may have access to a Council vehicle from within the fleet for official business where available and/or as approved by the CEO.

Option 1 – kilometric allowance:

Councillors may travel using their own private vehicle for business purposes and claim a kilometric allowance substantiated by logbook details. The amount to be reimbursed will be based on the ATO cents per km rate for car travel as published on the ATO website. Councillors wishing to claim the kilometre allowance must submit properly completed logbook records in accordance with fortnightly payroll closing dates. Late claims will not be accepted. Councillors must retain original logbook records for a minimum of five (5) years.

Option 2 – weekly allowance:

A weekly amount will be paid to each Councillor covering the cost of fuel and fair wear and tear on the private vehicle of the Councillor as follows:

- Division One (1) - $150.00
- Division Three (3) and Division (4) - $100
- Division Two (2), Five (5) and Six (6) - $250.00

At the beginning of each financial year a Councillor will need to advise which option they wish to enter into. This decision will be reviewed annually for each Councillor. If no advice is received the default payment method will be by a claimable kilometric allowance.

3.18. Car Parking Amenities

Council will reimburse Councillors for parking costs paid by Councillors while attending to official Council business.

3.19. Limit

Council may by resolution reduce or limit benefits receivable under this policy.

4. DEFINITIONS

Council business means official business conducted on behalf of Council, where a Councillor is required to undertake certain tasks to satisfy legisla0tive requirements or achieve business continuity for the Council, for example official Council meetings, Councillor forums and workshops, committees/boards as Council's official representative, scheduled meetings relating to portfolios or Council appointments.

Council business should result in a benefit being achieved either for the local government and/or the local government area Council business includes:

- preparing for, attending, and participating in Council meetings, committee meetings, Councillor information sessions and approved workshops, strategic briefings, and deputations; or
- meetings arranged through official Council channels (i.e. documented in official records or diary) for the purpose of conducting bona fide discussions relating to Council business; or
- seminars and conferences where Councillors are required to either deliver a paper and/or attend as a delegate of Council as per resolution or by Mayoral approval; or
- approved professional development opportunities; or
- official functions organised by or on behalf of the local government;
- public meetings and other community events within the region such as presentation dinners, meetings with community groups, fetes, and carnivals; or
- as an official Council representative as per resolution or with the prior approval of the Mayor; or

- attendance at civic functions and ceremonies on behalf of the Mayor as delegated by the Mayor; or
- attendance at events for the purpose of gathering of information by a Councillor necessary to inform them of a matter of interest to Council or which properly falls within the responsibility of Council or in relation to the Councillor's portfolio; or
- other business as resolved by Council.

The following are not regarded as council business by the attendance or participation as a community member:

- attending or participating in a community event, community group including service clubs, or being a representative on a committee or board;
- attendance at fundraising events;
- attendance at events organised by political parties.

Councillors means a Councillor of a local government, includes the Mayor.

Expenses means costs reasonably incurred, or to be incurred, in connection with Councillors discharging their duties. The expenses may be either reimbursed to Councillors or paid direct by Council for something that is deemed a necessary cost or charge. Expenses are not included as remuneration.

Facilities means the facilities deemed necessary to assist Councillors in their role.

Reasonable means Council must make sound judgements and consider what is prudent, responsible, and acceptable to the community when determining reasonable levels of facilities and expenditure.

5. LEGISLATIVE REFERENCE

Local Government Act 2009 (Qld)

Local Government Regulation 2012 (Qld)

Income Tax Assessment Act 1997 (Cth)

6. RELATED DOCUMENTS

Code of Conduct for Councillors in Queensland

South Burnett Regional Council Councillor Conduct Complaints Investigation Policy – Statutory028

South Burnett Regional Council Councillor Mileage Reimbursement Claim Form

7. NEXT REVIEW

As prescribed by legislation or July 2026

8. VERSION CONTROL

Version	Revision Description	Adopted Date	ECM Reference
1	Policy adopted	27 May 2009	413575
2	Revision of policy	16 May 2012	1017658
3	Revision of policy	27 August 2014	1340194
4	Revision of policy	7 April 2016	1590418
5	Revision of policy	15 March 2017	2328554
6	Revision of policy	13 June 2018	2511754
7	Legislation amendments	12 December 2018	2556645
8	Local Government Quadrennial Election	29 April 2020	2681184
9	Revision of policy	1 July 2020	2700021
10	Administrative change replacing Social & Corporate Performance Branch with Corporate Services Branch as per Council Resolution 2021/296	24 March 2021	2700021
11	Review of policy – Resolution 2021/46	28 July 2021	2700021
12	Administrative amendment – organisational structure review – resolution 2022/432	27 April 2022	2700021
13	Review of policy	13 December 2023	2700021
14	Review of policy	17 July 2024	2700021

Mark Pitt PSM
CHIEF EXECUTIVE OFFICER

Date: 17 July 2024

12.6 MONTHLY FINANCIAL INFORMATION

File Number: **17.07.2024**

Author: **Manager Finance & Sustainability**

Authoriser: **Chief Executive Officer**

PRECIS

Preliminary Monthly financial report as at 30th June 2024.

SUMMARY

The following information provides Council's preliminary current position as at 30th June 2024.

OFFICER'S RECOMMENDATION

That the monthly Financial Report including Capital Works and Works for Queensland (W4Q4) as at 30th June 2024 be received and noted.

FINANCIAL AND RESOURCE IMPLICATIONS

Tracking actual revenue and expenditure compared to expected position as adopted by Council on the 10th July 2024.

LINK TO CORPORATE/OPERATIONAL PLAN

OR5 Continue to give priority to ongoing financial sustainability and prudent budget management.

COMMUNICATION/CONSULTATION (INTERNAL/EXTERNAL)

Monitored and reviewed by budget managers.

LEGAL IMPLICATIONS (STATUTORY BASIS, LEGAL RISKS)

Monthly financial report prepared in accordance with Section 204 of the *Local Government Regulation 2012*.

The budget review has been undertaken in accordance with Section 170(3) of *Local Government Regulation 2012*.

Section 4(b) of the *Human Rights Act 2019* (the 'Act') requires public entities to act and make decisions in away compatible with human rights. The Act requires public entities to only limit human rights in certain circumstances and after careful consideration. The human rights protected under the Act are not absolute. This means that the rights must be balanced against the rights of others and public policy issues of significance.

In the decision-making process, Council is to consider the 23 human rights:

1. Recognition and equality before the law;
2. Right to life;
3. Protection from torture and cruel, inhuman or degrading treatment;
4. Freedom from forced work;
5. Freedom of movement;
13. Cultural rights—generally;
14. Cultural rights—Aboriginal peoples and Torres Strait Islander peoples;
15. Right to liberty and security of person;
16. Humane treatment when deprived of liberty;
17. Fair hearing;

6. Freedom of thought, conscience, religion and belief;
7. Freedom of expression;
8. Peaceful assembly and freedom of association;
9. Taking part in public life;
10. Property rights;
11. Privacy and reputation;
12. Protection of families and children;
18. Rights in criminal proceedings;
19. Children in the criminal process;
20. Right not to be tried or punished more than once;
21. Retrospective criminal laws;
22. Right to education;
23. Right to health services.

POLICY/LOCAL LAW DELEGATION IMPLICATIONS

Budget reviews allows expenditure to be incurred by delegation or approval of Council.

Budget prepared considering the Revenue Policy, Debt Policy and Investment Policy actual result is compared to budget.

ASSET MANAGEMENT IMPLICATIONS

Depreciation is used as a source of funds to enable capital expenditure. The Asset Registers for all Asset Classes will be adjusted as required for capital projects when the expenditure is transferred from Work in Progress.

REPORT

- The expected position reflects the best estimate on where the 2023/2024 year will land and these figures were adopted at the special Council Meeting on the 10th of July 2024.
- Recurrent Revenue is currently sitting at 98% compared to the expected position and Recurrent Expenditure is sitting at 99%.
- End of year accruals and journals will be processed during July and August in preparation for the financial statements and external audit.
- Council's current cash holdings at the end of June 2024 was $61.57m with $30.54m of this currently classed as restricted cash.
- All ratios at the end of June are all within their respective targets.
- Council's capital expenditure program is currently sitting at $22.44m in actual expenditure which equates to approximately 63.41% of the total expected position (4th Quarter Capital Review). When taking into account committed costs of $12.04m, the total expended is $34.48m which represents approximately 97.42% of the expected position.
- The budget for 2024-2025 was adopted at a special budget meeting on the 10th July 2024.

ATTACHMENTS

1. **Monthly Meeting Report June 2024**
2. **Capital Expenditure Report June 2024**
3. **Grants Report - June 2024**



South Burnett Regional Council
Monthly Financial Report
June 2024

SOUTH BURNETT
REGIONAL COUNCIL

Executive Summary

This monthly report is designed to illustrate the interim financial performance and position of South Burnett Regional Council compared to the expected position, at an organisational level, for the period ended 30 June 2024. The meeting reports for June are a modified, shortened version compared to usual due to the year to date figures not being finalised for the 2023/24 year at this point in time.

- The expected position reflects the best estimate on where the 2023/2024 year will land and these figures were adopted at the special Council Meeting on the 10th of July 2024.
- Recurrent Revenue is currently sitting at 98% compared to the expected position and Recurrent Expenditure is sitting at 99%.
- End of year accruals and journals will be processed during July and August in preparation for the financial statements and external audit.
- Council's current cash holdings at the end of June 2024 was $61.57m with $30.54m of this currently classed as restricted cash.
- All ratios at the end of June are all within their respective targets.
- Council's capital expenditure program is currently sitting at $22.44m in actual expenditure which equates to approximately 63.41% of the total expected position (4th Quarter Capital Review). When taking into account committed costs of $12.04m, the total expended is $34.48m which represents approximately 97.42% of the expected position.
- The budget for 2024-2025 was adopted at a special budget meeting on the 10th July 2024.

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1.0 Interim Statement of Financial Performance (Income Statement)

Statement of Comprehensive Income

as at 30 June 2024
100% of Year Complete

	2024	Original Budget	Amended Budget	Expected Position	Variance
	$	$	$	$	%
Income					
Revenue					
Recurrent Revenue					
Rates, Levies and Charges	58,502,637	57,018,206	57,879,472	58,468,759	100%
Fees and Charges	6,406,029	5,276,904	5,587,401	6,448,151	99%
Rental Income	592,430	459,715	518,603	592,841	100%
Interest Received	3,484,610	1,975,000	2,960,000	3,390,481	103%
Sales Revenue	6,654,345	6,835,007	7,049,000	7,508,895	89%
Other Income	1,286,682	1,179,323	1,168,162	1,408,343	91%
Grants, Subsidies, Contributions and Donations	20,891,130	8,546,353	25,153,080	22,467,494	93%
	97,817,864	81,290,508	100,315,718	100,284,965	98%
Capital Revenue					
Grants, Subsidies, Contribution and Donations	12,789,049	9,471,224	12,756,515	10,535,889	121%
Total Income	110,606,912	90,761,732	113,072,233	110,820,854	100%
Expenses					
Recurrent Expenses					
Employee Benefits	29,252,438	27,612,019	29,036,895	29,399,712	99%
Materials and Services	54,417,983	31,759,777	48,670,540	56,469,058	96%
Finance Costs	1,752,466	1,734,655	1,734,654	1,143,758	153%
Depreciation and Amortisation	24,201,781	23,673,214	24,256,028	24,126,917	100%
	109,624,669	84,779,665	103,698,118	111,139,445	99%
Capital Expense	4,455,360	(415,000)	(415,000)	4,420,402	101%
Total Expense	114,080,028	84,364,665	103,283,118	115,559,846	99%
Net Result	(3,473,116)	6,397,067	9,789,115	(4,738,992)	
Net Operating Result	(11,806,805)	(3,489,157)	(3,382,400)	(10,854,480)	

1.1 Revenue

1.1.1 Rates Levies and Charges

This item shows South Burnett Regional Council's total net income from general rates, service charges (water, sewerage and waste) and special charges.

As at 30 June 2024, rates, levies and charges are tracking at 100% as both rates levies have now been issued for the financial year.

1.1.2 Fees and Charges

User charges are for the recovery of service delivery costs through the charging of fees to users of Council services. Fees are determined in two categories: regulatory and commercial.

As of 30 June 2024, fees and charges are tracking below target at 99%. June accruals for waste disposal are still to be completed.

1.1.3 Rental Income

Council operates various facilities from which it derives a rental income such as commercial premises, caravan parks, community housing and airport.

As of 30 June 2024, rental income is tracking at 100%. Lease prepayments and June rental accruals are yet to be completed.

1.1.4 Interest Received

Interest revenue includes interest on investments and rate arrears. As of 30 June 2024, interest received is tracking above target at 103%. There are some journals still to be completed which will reduce the interest on overdue rates.

1.1.5 Sales Revenue

Sales revenue is income received from undertaking work for Main Roads, private works and recoverable works conducted by the Soil Laboratory. As of 30 June 2024, sales revenue is tracking below target at 89%.

Claims of approximately $863k were in progress at the end of June 2024 and will be accrued back into June 2024 as part of the end of year adjustments.

1.1.6 Other Income

Other income is sundry income derived from all other sources.

As of 30 June 2024, other income is tracking below target at 91%. Reasons surrounding this can be found below.

- Scrap steel which was picked up in the last few months of the 2023/2024 year will have the income accrued back as the invoice/payment wasn't received prior to 30th June 2024.

1.1.7 Operational Grants

Operating grants include all monies received from State and Federal sources for the purposes of funding the delivery of South Burnett Regional Council services to ratepayers.

As of 30 June 2024, operating grants are tracking below target at 93% due end of year contract asset and liability journals not having been performed as yet. Approximately $18.81m of the monies received so far this year relates to funding from Queensland Reconstruction Authority (QRA) for expenditure incurred due to weather events.

Council received 85% of the 2024-2025 Financial Assistance Grant in the first few days of July rather than in the 2023-2024 year. This caused a negative impact on the operating deficit of approximately $6.8m which was taken into account in the expected position figures.

1.1.8 Capital Grants

Capital grants and contributions include all monies predominantly received from State and Federal government sources for the purposes of funding the capital works program.

As of 30 June 2024, capital grants are tracking above target at 121% however contract asset and contract liability reconciliations still need to be performed for the end of financial year which will have an impact on these figures.

1.2 Expenditure

1.2.1 Employee Benefits

Employee costs include labour related expenditure such as wages, leave entitlements, WorkCover costs, superannuation, training, personal protective equipment, payroll and fringe benefits taxes.

As of 30 June 2024, employee benefits are tracking slightly below target at 99%. Final provision calculations and end of year reconciliations are yet to be performed.

1.2.2 Materials and Services

Materials and services cover the purchases of consumables, payments to contractors for the provision of services and utility costs and internal plant charges and recoveries.

As of 30 June 2024, materials and services are tracking below target at 96%. This will change as creditor accruals and prepayments are taken into account.

- Various monthly invoices including electricity, water usage and waste collection charges will need to be accrued back into the 2023/2024 year.

1.2.3 Finance Costs

Finance costs relate to interest charged by financial institutions on funds borrowed as well as bank fees and the unwinding of the discount for landfill and quarry provisions.

As of 30 June 2024, finance costs are tracking above target at 153%. End of year adjustments for the landfill and quarry provisions still need to be completed and it is expected that this will have a favourable impact on the figures due to the change in discount rates in the modelling. This favourable impact has been included in the expected position figures. Final movements for the provision of doubtful debts still need to be completed.

1.2.4 Depreciation

Depreciation expense is an accounting measure that estimates asset consumption of South Burnett Regional Council's property, infrastructure, plant and equipment based on the most recent asset valuations, useful lives and levels of service.

Depreciation expense varies by asset class based on asset value, componentisation, and useful lives. Other factors that impact on monthly depreciation expense include processing of work in progress and asset disposals. Capitalisation (processing of work in progress) effects depreciation expense as this is the allocation of capital expenditure to the relevant asset/s as at completion date, increasing the value for depreciation.

As of 30 June 2024, depreciation expense was on target at 100%. Only minor adjustments to the right of use asset will need to be performed.

Work in progress balance as at 30 June 2024 is $16.05m, made up of the asset classes listed below.

Asset Class	Opening Balance	Capital Expenditure	Capitalisation	Closing Balance
Plant & Equipment	93,443	27,056	-	120,500
Land	66,069	-	-	66,069
Buildings	2,872,286	520,170	-	3,392,455
Roads	5,220,929	2,530,115	- 81,614	7,669,430
Water	2,616,907	571,531	- 22,642	3,165,797
Wastewater	275,063	375,112	- 60,714	589,461
Fleet	688,791	544,015	- 976,568	256,238
Waste	521,642	275,592	-	797,234
Office/ICT	78,437	100	- 78,537	-
	12,433,567	**4,843,691**	**- 1,220,074**	**16,057,184**

1.2.5 Capital Expense

Capital expense is the net proceeds or loss on assets that have been sold or disposed of during the year.

As Council cannot sell its roads or the majority of its major infrastructure, Council generally receives no revenue when an asset is disposed of. Any value remaining on the asset (therefore its written down value which is the replacement cost less accumulated depreciation) is written off when the asset is renewed or upgraded.

A loss on asset disposal is recognised when a current asset is disposed of (sold, renewed or upgraded) out of Council's asset register while it still has a written down value on the asset register (that is, before it is fully depreciated) and therefore before its written down value is nil. To dispose of the asset, its written down value is recognised in Council's accounts as a loss on disposal.

If all assets were 100% depreciated and had zero remaining useful life when they were disposed of there would be no loss on disposal.

Capital expense is sitting at $4.45m as at 30 June 2024 due to sales income for fleet items sold and revenue from sale of land and buildings, less disposals of assets.

Capital Expense	Actual	Original Budget	Amended Budget
INCOME			
Fleet	- 568,974	- 415,000	- 415,000
Land	- 136,181	-	-
Roads	- 205,000		
DISPOSALS			
Roads	3,204,205	-	-
Fleet	313,561	-	-
Land	528,937	-	-
Buildings	789,394	-	-
Water	149,490	-	-
Wastewater	379,445	-	-
Miscellaneous	482	-	-
	4,455,360	**- 415,000**	**- 415,000**

2.0 Interim Statement of Financial Position (Balance Sheet)

Statement of Financial Position

as at 30 June 2024

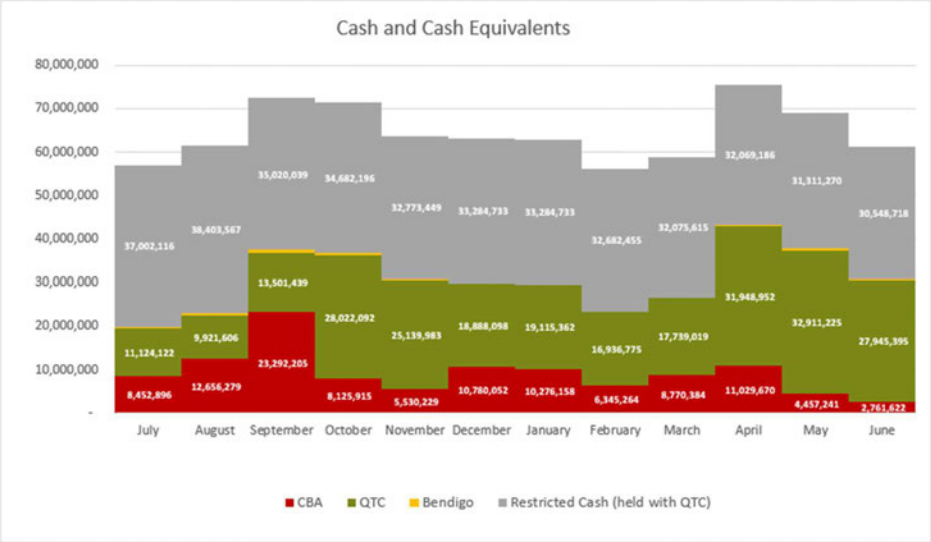
	2024 JUNE	Original Budget	Amended Budget	Expected Position
	$	$	$	$
Current Assets				
Cash and Cash Equivalents	61,567,396	56,343,950	60,933,424	62,093,389
Trade and Other Receivables	6,600,983	11,936,624	12,372,857	14,612,778
Inventories	904,965	781,347	840,354	904,965
Investments	-	-	-	-
Total Current Assets	69,073,344	69,061,921	74,146,635	77,611,132
Non-Current Assets				
Trade and Other Receivables	543,637	389,495	389,495	305,474
Property, Plant and Equipment	1,057,638,459	1,068,147,535	1,073,659,228	1,090,948,732
Right of Use Asset	695,950	661,125	669,127	707,595
Intangible Assets	6,242,601	6,242,606	6,242,586	6,242,601
Total Non-Current Assets	1,065,120,646	1,075,440,760	1,080,960,436	1,098,204,402
TOTAL ASSETS	1,134,193,991	1,144,502,682	1,155,107,071	1,175,815,534
Current Liabilities				
Trade and Other Payables	10,377,099	10,423,308	15,877,925	13,688,105
Borrowings	3,309,663	3,460,548	3,460,548	3,460,548
Lease Liabilities	20,206	18,439	18,637	20,755
Provisions	4,047,222	3,931,009	3,915,600	3,965,159
Unearned Revenue	-	2,300,754	2,749,085	2,558,685
Other Liabilities	-	1,410,715	1,410,715	1,419,439
Total Current Liabilities	17,754,190	21,544,773	27,432,510	25,112,691
Non-Current Liabilities				
Trade and Other Payables	-	-	-	-
Borrowings	20,530,963	20,335,543	20,335,543	20,377,536
Lease Liabilities	712,723	686,457	694,284	731,100
Provisions	12,495,815	12,444,910	12,161,008	12,021,351
Other Liabilities	4,439,524	1,470,746	2,960,718	3,020,085
Total Non-Current Liabilities	38,179,025	34,937,655	36,151,553	36,150,071
TOTAL LIABILITIES	55,933,214	56,482,428	63,584,063	61,262,762
NET COMMUNITY ASSETS	1,078,260,777	1,088,020,254	1,091,523,008	1,114,552,772
Community Equity				
Retained Surplus/(Deficiency)	438,677,820	448,318,094	450,657,913	436,129,806
Asset Revaluation Surplus	639,582,956	639,702,160	640,865,095	678,422,966
TOTAL COMMUNITY EQUITY	1,078,260,777	1,088,020,254	1,091,523,008	1,114,552,772

2.1 Current Assets

3.1.1 Cash and Cash Equivalents

Cash and cash equivalents include cash on hand, all cash and cheques receipted but not banked at month end, deposits held at call with financial institutions and term deposits with maturities of three months or less.

As of 30 June 2024, Council's actual cash and cash equivalents balance was $61.57m. Journals for receipts in progress are still to be completed. The below table shows the breakup of this balance sheet element (excluding cash drawers).

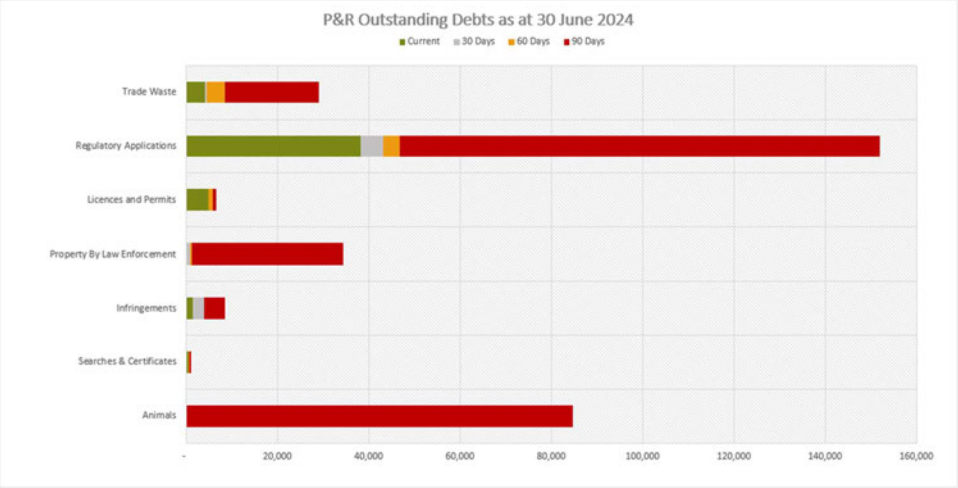


As at the 30 June 2024, the restricted cash balance was $30.54m. This decreased from last month by $762k and is made up of decreases in Roads of $399k, Buildings of $12k, Waste of $176k and Water of $175k. Final reconciliations for restricted cash will be completed once all accruals and adjustments have been performed for end of year.

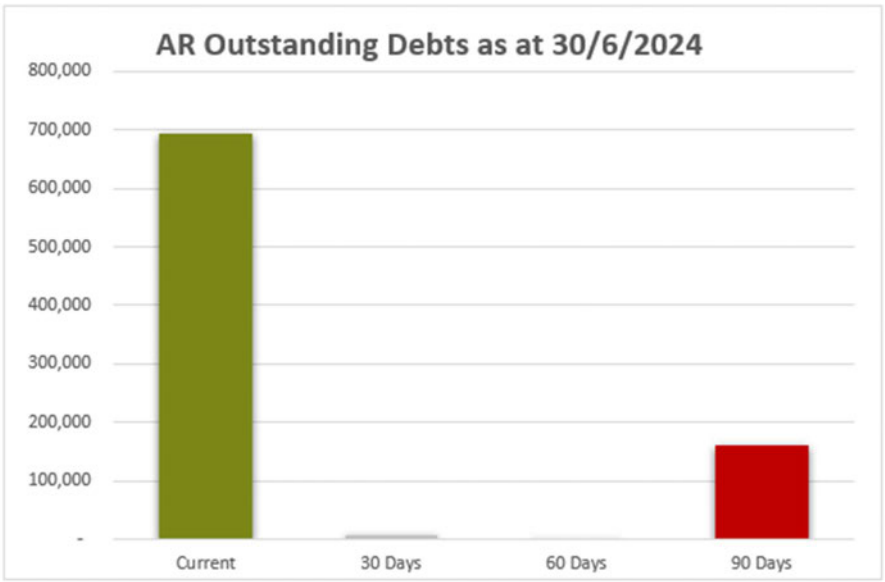
RESTRICTED CASH	May-24	Jun-24	Difference
Recurrent Expenditure	505,164	505,164	-
Future Capital Works			-
Roads	4,927,447	4,528,031	- 399,416
Buildings	3,544,007	3,532,249	- 11,757
Waste	5,959,683	5,783,846	- 175,837
Land	25,322	25,322	-
Plant & ICT	6,197,459	6,197,459	-
Water	3,369,722	3,194,180	- 175,542
Wastewater	4,678,380	4,678,380	-
Unspent - Developer Contributions	1,729,986	1,729,986	-
Unspent - Loan Funds	374,100	374,100	-
Total	**31,311,270**	**30,548,718**	**- 762,552**

2.1.2 Trade and Other Receivables

Current trade and other receivables are made up of notices and invoices that have been issued but cash has not yet been collected. The below tables show the breakdown of the components in this balance sheet element – excluding rates.



Property and Rating (P&R) debts above that are overdue by 90 days or more total $249k and are made up of $85k in overdue animal registrations, $81k being actively pursued by Council staff or determination on next steps are being investigated, $33k can be recovered when properties are sold, and $50k belong to developer contributions that will be finalised in the future.

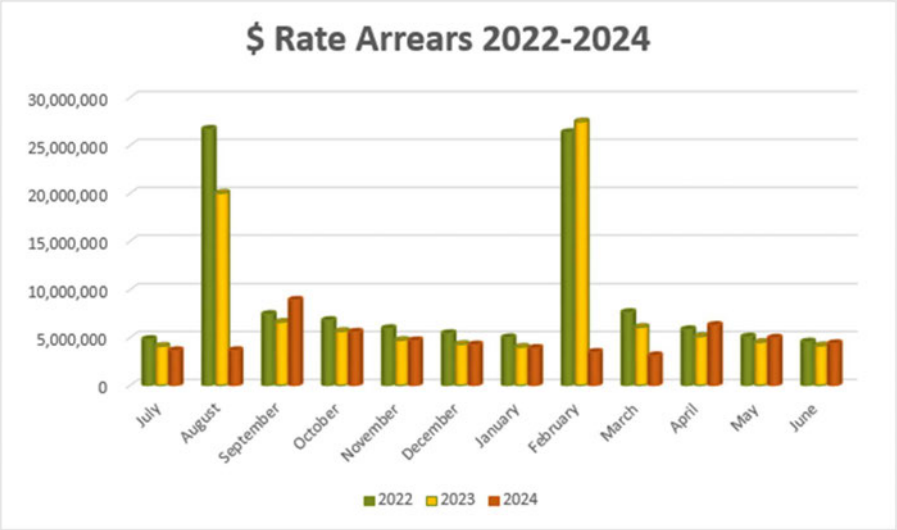


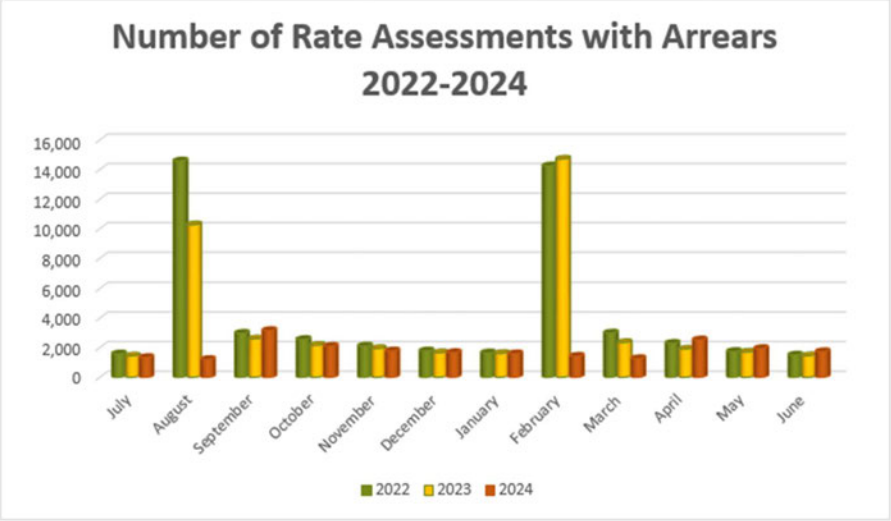
The AR outstanding debts 90+ days is currently $161k which is 19% of total AR outstanding debts.

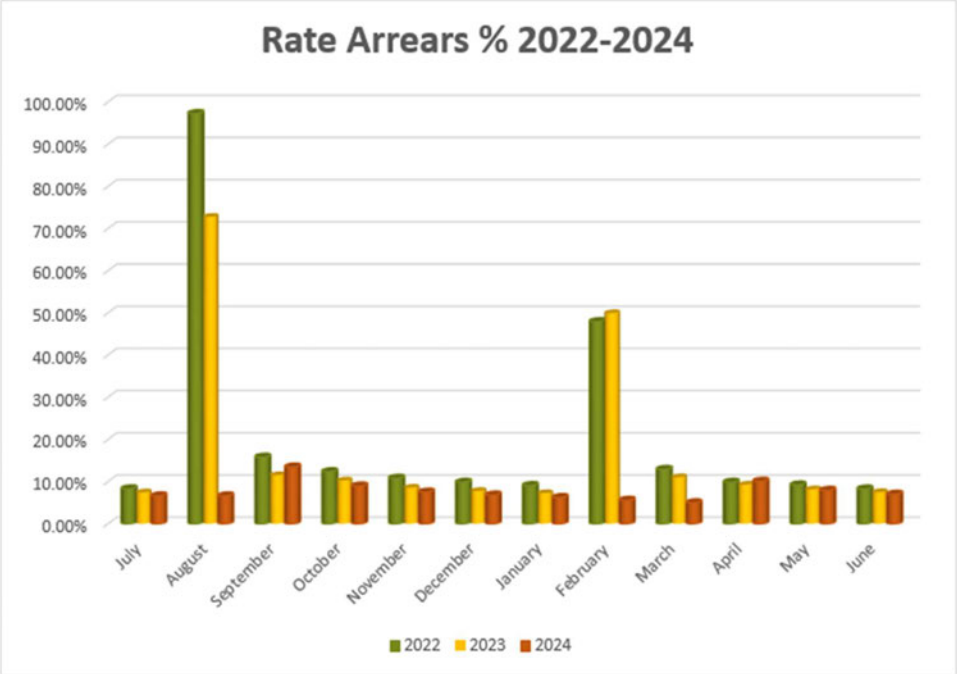
A total of 99% of the value sitting in 90 days remains with debt collectors or have a payment arrangement with Council. 1% is being actively pursued by Council staff.

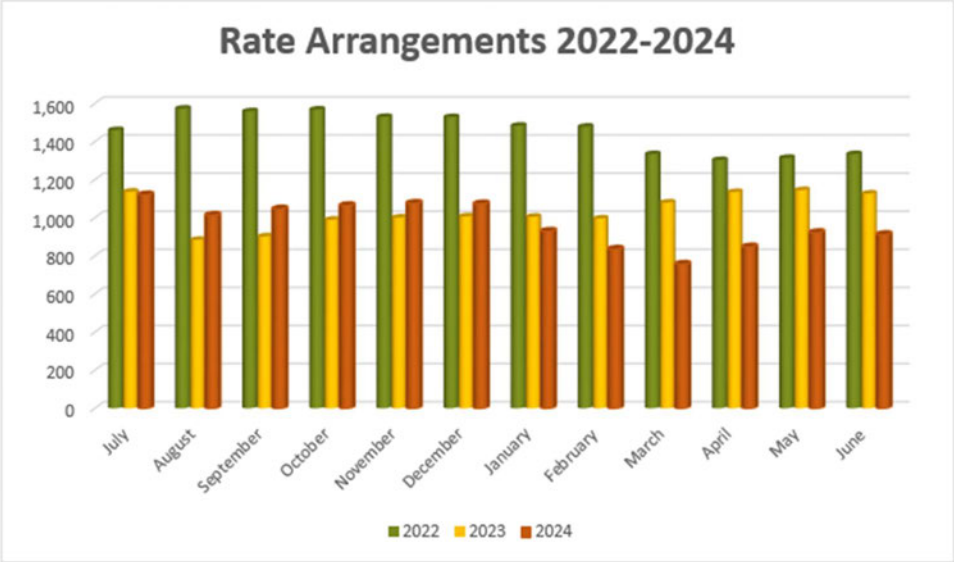
Rates in arrears as of 30 June 2024 is sitting at $4.37m or 7.03% which is above the target arrears of 7%. There are currently 912 assessments with rate arrangements in place which accounts for 52.5% of the properties that are in arrears.

Starting in the 2023/24 financial year, the effect of rates levies raised but still current have been removed to avoid distortion of numbers during August and February.






Rate Arrears % 2022-2024
100.00%
90.00%
80.00%
70.00%
60.00%
50.00%
40.00%
30.00%
20.00%
10.00%
0.00%
July
August
September
October
November
December
January
February
March
April
May
June
2022
2023
2024


Rate Arrangements 2022-2024
1,600
1,400
1,200
1,000
800
600
400
200
0
July
August
September
October
November
December
January
February
March
April
May
June
2022
2023
2024

2.1.3 Inventories

Inventories is made-up of Council stores and is valued at cost. Council is continuing to focus on utilising the amount of inventories held more efficiently. A stocktake was undertaken at the end of June 2024.

2.2 Non-Current Assets

2.2.1 Trade and Other Receivables

The non-current portion of Trade and Other Receivables is made up of the outstanding Memerambi Estate charges and loans to community organisations.

2.2.2 Property, Plant and Equipment

The total capital amended budget/expected position is $35.4m. Actual spent as of 30 June 2024 is $22.44m, which is tracking below target at 63.41%. Committed costs of $12m are also identified which takes the actual and committed spend up to 97.42% of the amended budget. Accruals are yet to be completed for the 2023/24 year.

Capital project budget report is attached separately to this document.

2.2.3 Right of Use Assets

Council's right of use assets consists of long-term leases that are in place for various land parcels, with most of this value relating to the lease for land at Yallakool which is currently due to end in 2051. End of year adjustments are still to be completed.

2.2.4 Intangible Assets

Council's water allocation makes up the intangible asset balance. Water allocations are tested annually for impairment as part of the year end process.

2.3 Liabilities

2.3.1 Trade and other Payables

Trade and Other Payables is made up of creditors, which is recognised upon receipt of invoice at the amount owed. Amounts are generally settled on 30-day terms. Liabilities are also recognised for employee benefits such as wages and salaries, annual leave, RDO and TOIL.

The below information shows the purchases by month split to show the dollar value and respective percentage of purchases that were sourced locally (within the South Burnett). This is a point in time snapshot and will change as more invoices are received.

Accounts Payable - Local Purchases 2023/2024

Report run: 09-Jul-2024

Town of Business	Town of Business Description	April 2024 Purchases	May 2024 Purchases	June 2024 Purchases
LOCAL				
	Total Local	**2,689,996.05**	**4,401,803.45**	**2,299,343.58**
OUTSIDE SBRC				
	Cherbourg	504.50	612.25	914.50
	Dalby	1,083.00	109.89	2,894.36
	Neighbouring Council	141,435.81	56,045.00	38,708.27
	Other	2,438,744.11	3,471,747.08	4,204,161.94
	Yarraman	28,407.00	28,197.00	28,197.00
	Total Other	**2,610,174.42**	**3,556,711.22**	**4,274,876.07**
	% Local Purchases	**50.75%**	**55.31%**	**34.98%**

2.3.2 Borrowings

All Council borrowings are with the Queensland Treasury Corporation (QTC). The balance as of 30 June 2024 was $23,840,626 made up of borrowings in the following departments.

Department	Borrowings
NRM & Parks	$ 313,309
Finance	$ 246,934
Property	$ 270,760
Economic Development	$ 198,816
Environment & Waste	$ 485,712
Infrastructure	$ 8,401,075
Water & Wastewater	$ 13,924,020
Total	**$ 23,840,626**

2.3.3 Lease Liabilities

Lease Liabilities relate to AASB 16 requirements for lessees to calculate the lease liability of any long-term operating lease agreements on the balance sheet using an incremental borrowing rate for the period of the lease. Council has three lease agreements with the Department of Natural Resources, Mines and Energy that have been taken up as part of this standard.

2.3.4 Provisions

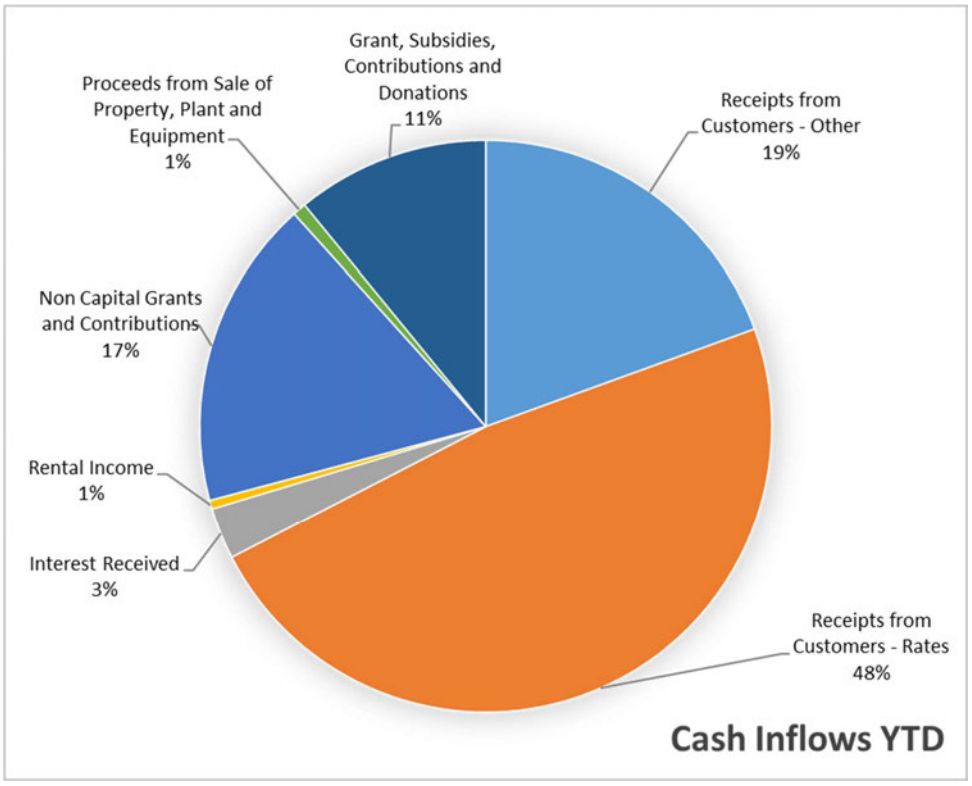
Provisions are made up of landfill and gravel pit expected restoration costs and employee long service leave. Provisions will be impacted by discount rates and end of year calculations which are still to be performed.

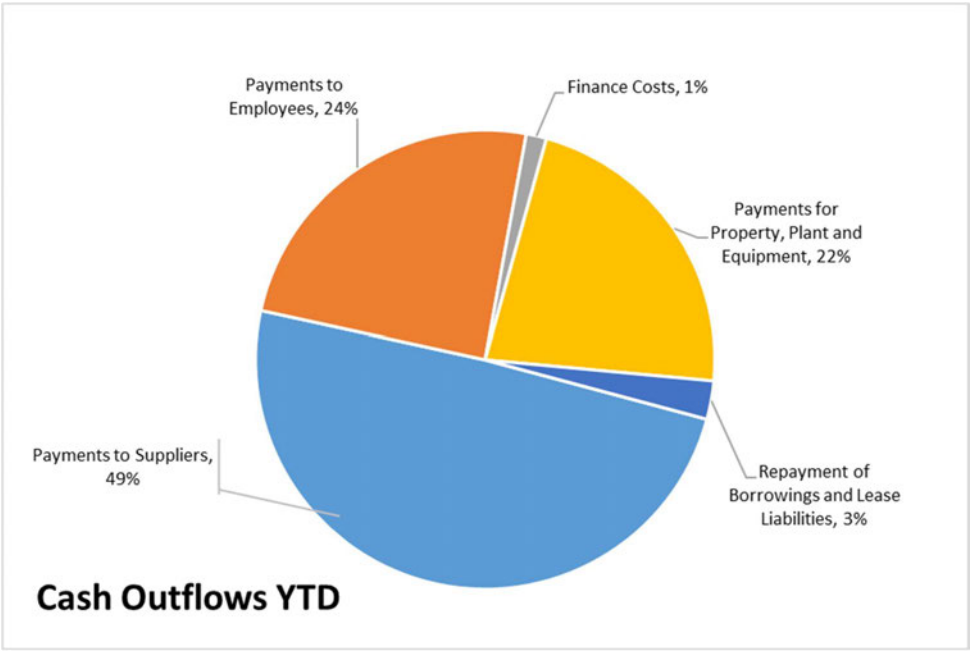
2.3.5 Other Liabilities

Other liabilities are made up of the State Waste Levy payment received in advance and prepaid rates. Council received upfront payments to cover the next four financial years' worth of State Waste Levy. An adjustment to the 2026/27 State Waste Levy of $40,804 was paid in June 2024. The 2027/28 State Waste Levy allocation of $1,547,060 will be paid to Council in 2024/25.

3.0 Interim Cash Flow

Monthly Cashflow	Mar	Apr	May	June	YTD	Original Budget	Amended Budget	Expeted Position	YTD vs Expected Position %
Cash Flows from Operating Activities									
Receipts from Customers	$6,118,206	$22,736,926	$2,221,324	$2,410,286	$80,466,810	$75,792,130	$80,062,248	$82,137,817	98%
Payments to Suppliers and Employees	($5,482,869)	($7,156,662)	($8,427,468)	($7,240,396)	($90,087,677)	($63,333,132)	($83,245,882)	($95,336,601)	94%
	$635,337	$15,580,264	($6,206,144)	($4,830,110)	($9,620,867)	$12,458,998	($3,183,634)	($13,198,784)	
Interest Received	$268,585	$258,762	$350,073	$310,405	$3,484,610	$1,975,000	$2,960,000	$3,390,481	103%
Rental Income	$35,760	$39,990	$59,610	$70,848	$592,430	$459,715	$518,603	$592,841	100%
Non Capital Grants and Contributions	$1,480,374	$1,462,950	$940,791	$124,422	$20,871,130	$8,546,353	$25,153,080	$22,467,494	93%
Finance Costs	($138,658)	($138,500)	($155,607)	($137,439)	($1,752,464)	($1,252,196)	($1,252,196)	($1,272,912)	138%
Net Cash Inflow (Outflow) from Operating Activities	$2,281,398	$17,203,466	($5,011,277)	($4,461,874)	$13,574,839	$22,187,869	$24,195,853	$11,979,120	113%
Cash Flows from Investing Activities									
Payments for Property, Plant and Equipment	($1,103,553)	($907,270)	($2,540,678)	($9,305,711)	($27,072,348)	($33,353,819)	($37,505,815)	($22,445,637)	121%
Payments for Intangible Assets	-	-	-	-	-	-	-		0%
Advances/(Repayments) of Loans and Advances	-	-	-	-	-	-	-		0%
Proceeds from Sale of Property, Plant and Equipment	$205,000	$94,500	$140,909	$229,091	$910,154	$415,000	$415,000	$910,154	100%
Grant, Subsidies, Contributions and Donations	$573,688	$634,237	$1,002,609	$5,685,811	$13,038,345	$9,471,224	$12,756,515	$10,535,889	124%
Net Cash Inflow (Outflow) from Investing Activities	($324,865)	($178,533)	($1,397,160)	($3,390,810)	($13,123,848)	($23,467,595)	($24,334,300)	($10,999,594)	119%
Cash Flows from Financing Activities									
Proceeds from Borrowings and Leasing Liabilities	-	-	-	-	-	-	-	-	0%
Repayment of Borrowings and Leasing Liabilities	$90,736	$87,809	$90,736	$87,809	($3,307,121)	($3,351,655)	($3,351,655)	($3,309,663)	100%
Net Cash Inflow (Outflow) from Financing Activities	$90,736	$87,809	$90,736	$87,809	($3,307,121)	($3,351,655)	($3,351,655)	($3,309,663)	100%
Cash and Cash Equivalents at the Beginning of the Period	$56,489,960	$58,537,229	$75,649,972	$69,332,271	$64,423,526	$60,975,332	$64,423,526	$64,423,526	
Net Increase (Decrease) in Cash and Cash Equivalents Held	$2,047,269	$17,112,743	($6,317,701)	($7,764,875)	($2,856,130)	($4,631,382)	($3,490,102)	($2,330,137)	
Cash and Cash Equivalents at the End of the Period	**$58,537,229**	**$75,649,972**	**$69,332,271**	**$61,567,396**	**$61,567,396**	**$56,343,950**	**$60,933,424**	**$62,093,389**	
Restricted Cash	$32,075,615	$32,069,186	$31,311,270	$30,548,718	$30,548,718				
Cash Available for Use	$26,461,614	$43,580,786	$38,021,001	$31,018,678	$31,018,678				
Minimum 3 month operating liquidity					**($20,076,062)**				


Grant, Subsidies, Contributions and Donations 11%
Proceeds from Sale of Property, Plant and Equipment 1%
Receipts from Customers - Other 19%
Non Capital Grants and Contributions 17%
Rental Income 1%
Interest Received 3%
Receipts from Customers - Rates 48%
Cash Inflows YTD


Payments to Employees, 24%
Finance Costs, 1%
Payments for Property, Plant and Equipment, 22%
Payments to Suppliers, 49%
Repayment of Borrowings and Lease Liabilities, 3%
Cash Outflows YTD

4.0 Interim Changes in Equity

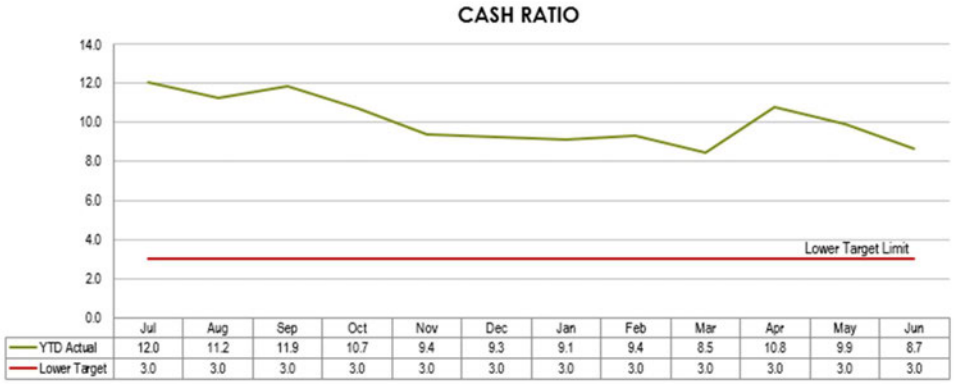
	Apr-24 $	May-24 $	Jun-24 $	YTD $
Asset Revaluation Surplus				
Opening Balance	639,582,956	639,582,956	639,582,956	639,582,956
Inc/(dec) in asset revaluation surplus	-	-	-	-
Closing Balance	**639,582,956**	**639,582,956**	**639,582,956**	**639,582,956**
Retained Surplus				
Opening Balance	453,820,501	446,937,710	442,277,975	442,150,936
Restricted Cash Released	-	-	-	-
Net Result	- 6,882,791	- 4,659,735	- 3,600,154	- 3,473,116
Closing Balance	**446,937,710**	**442,277,975**	**438,677,820**	**438,677,820**
Total Community Equity	**1,086,520,666**	**1,081,860,931**	**1,078,260,777**	**1,078,260,777**

5.0 Financial Ratios

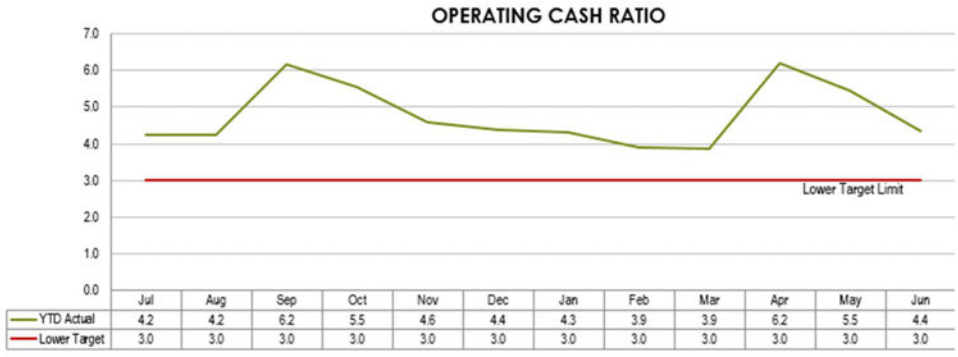
Key Performance Indicators - Monthly Reporting

Ratio	Description	Formula	SBRC's Target	Status	Jun-24
Cash Ratio	Number of months operating expenditure covered by total cash held	$\frac{Cash\ Held}{(Total\ Operating\ Expense - Depreciation)/Number\ of\ Periods}$	Target greater than or equal to 3 months	✔	8.65
Operating Cash Ratio	Number of months operating expenditure covered by working cash held	$\frac{Cash\ Held\ - Restricted\ Cash}{(Total\ Operating\ Expense - Depreciation)/Number\ of\ Periods}$	Target greater than or equal to 3 months	✔	4.36
Current Ratio (Working Capital Ratio)	This measures the extent to which Council has liquid assets available to meet short term financial obligations	$\frac{Current\ Assets}{Current\ Liabilities}$	Target between 2.0 & 4.0	✔	3.89
Funded Long-Term Liabilities	Percentage of Restricted Cash and Long Term Liabilities backed by Cash	$\frac{Cash\ Held}{Restricted\ Cash + Non - Current\ Borrowings}$	Target greater than or equal to 59%	✔	120.53%
Debt Servicing Ratio	This indicates Council's ability to meet current debt instalments with recurrent revenue	$\frac{Interest\ Expense + Loan\ Redemption}{Total\ Operating\ Revenue}$	Target less than or equal to 10%	✔	4.51%
Cash Balance -$M	Total Cash that Council held	$Cash\ Held\ at\ Period\ End$	Target greater than or equal to $24M	✔	61.57
Debt to Asset Ratio	To what exent our debt will be covered by total assets	$\frac{Current\ and\ Non - Current\ Loans}{Total\ Assets}$	Target less than or equal to 10%	✔	2.10%
Interest Coverage Ratio	This ratio demonstrates the extent which operating revenues are being used to meet the financing charges	$\frac{Net\ Interest\ Expense\ on\ Debt\ Service}{Total\ Operating\ Revenue}$	Target between 0% and 5%	✔	1.13%

All ratios at the end of June are all within their respective targets.

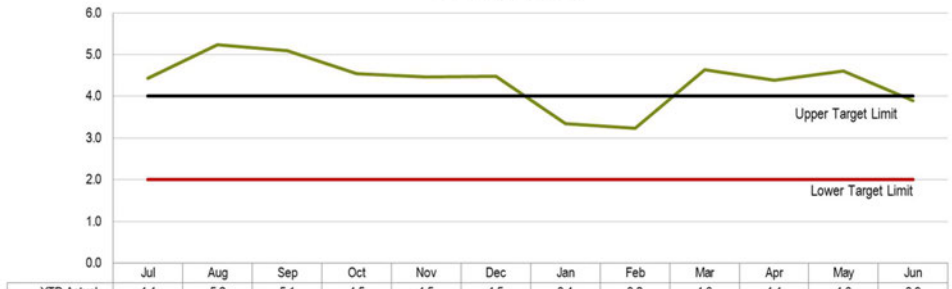


	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
YTD Actual	12.0	11.2	11.9	10.7	9.4	9.3	9.1	9.4	8.5	10.8	9.9	8.7
Lower Target	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0



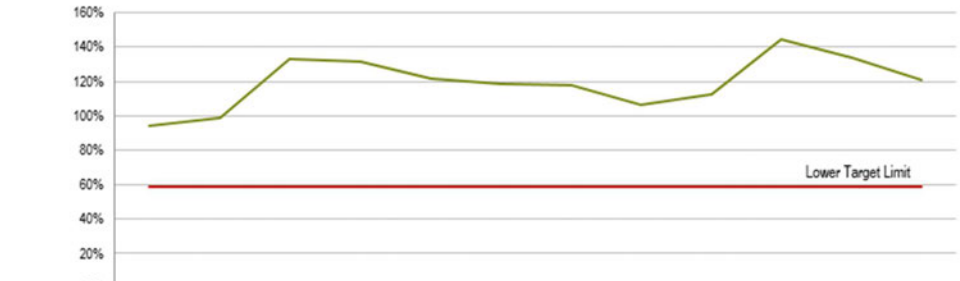
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
YTD Actual	4.2	4.2	6.2	5.5	4.6	4.4	4.3	3.9	3.9	6.2	5.5	4.4
Lower Target	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0

CURRENT RATIO



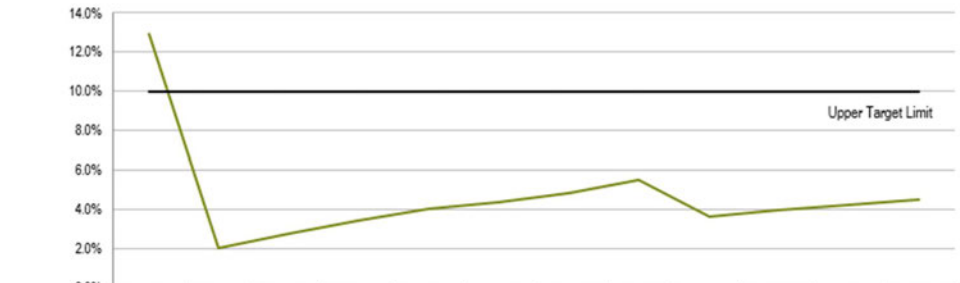
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
YTD Actual	4.4	5.2	5.1	4.5	4.5	4.5	3.4	3.2	4.6	4.4	4.6	3.9
Upper Target	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lower Target	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0

FUNDED LONG-TERM LIABILITIES



	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
YTD Actual	94%	99%	133%	132%	121%	119%	118%	106%	113%	144%	134%	121%
Lower Target	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%

DEBT SERVICING RATIO



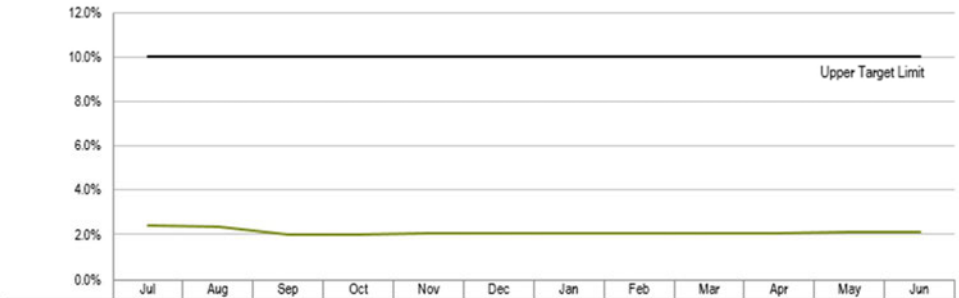
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
YTD Actual	12.9%	2.0%	2.8%	3.5%	4.1%	4.4%	4.8%	5.5%	3.6%	4.0%	4.2%	4.5%
Upper Target	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%

CASH BALANCE (M)



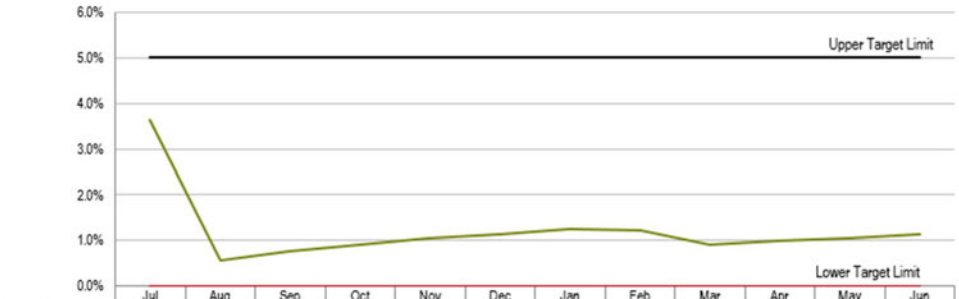
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
YTD Actual	57.2	61.6	72.7	71.7	63.9	63.3	63.0	56.1	59.0	75.6	69.3	61.6
Lower Target	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0

DEBT TO ASSET RATIO



	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
YTD Actual	2.4%	2.4%	2.0%	2.0%	2.0%	2.1%	2.1%	2.1%	2.0%	2.1%	2.1%	2.1%
Upper Target	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%

INTEREST COVERAGE RATIO



	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
YTD Actual	3.6%	0.6%	0.8%	0.9%	1.1%	1.1%	1.2%	1.2%	0.9%	1.0%	1.1%	1.1%
Upper Target	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Lower Target	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

6.0 Long Term Financial Forecast

Section 171 of the *Local Government Regulation 2012* requires Council to develop a long-term financial forecast, covering a period of at least 10 years, which is 2023/2024 to 2032/2033. The key objective of the long-term financial plan is to understand the Council's financial sustainability for the longer term while focusing on seeking to deliver operational surpluses and to achieve the Council's strategic outcomes as specified in the Corporate Plan.

The long-term financial forecast requires:

(a) income of the Local Government;
(b) expenditure of the Local Government; and
(c) the value of assets, liabilities and equity of the Local Government.

The Local Government must:

(a) consider its long-term financial forecast before planning new borrowings; and
(b) review its long-term financial forecast annually.

The below long term financial forecast is based off the original budget for the 2023/2024 year.

6.1 Income and Expenditure Statements

	Year 2 2024/2025	Year 3 2025/2026	Year 4 2026/2027	Year 5 2027/2028
Income				
Revenue				
Recurrent Revenue				
Rates, Levies and Charges	59,547,733	61,907,594	64,197,042	66,589,935
Fees and Charges	5,460,481	5,623,174	5,762,635	5,905,581
Rental Income	475,805	490,079	502,331	514,890
Interest Received	2,044,125	2,105,449	2,158,085	2,212,038
Sales Revenue	7,074,232	7,286,459	7,468,622	7,655,338
Other Income	1,220,600	1,257,220	1,288,654	1,320,868
Grants, Subsidies, Contributions and Donations	7,691,925	7,801,167	7,874,816	7,950,307
	83,514,901	86,471,142	89,252,185	92,148,957
Capital Revenue				
Grants, Subsidies, Contribution and Donations	1,736,347	4,912,610	4,912,610	4,912,610
Total Income	85,251,248	91,383,752	94,164,795	97,061,567
Expenses				
Recurrent Expenses				
Employee Benefits	27,933,384	28,771,380	29,490,664	30,227,928
Materials and Services	31,714,350	32,665,795	33,482,457	34,619,536
Finance Costs	1,507,538	1,707,995	1,827,239	1,684,851
Depreciation and Amortisation	24,366,345	24,511,435	24,683,976	24,918,239
	85,521,617	87,656,605	89,484,336	91,450,554
Capital Expense	(415,000)	(427,450)	(438,136)	(449,089)
Total Expense	85,106,617	87,229,155	89,046,200	91,001,465
Net Result	144,631	4,154,597	5,118,595	6,060,103
Net Operating Result	(2,006,716)	(1,185,463)	(232,151)	698,404

	Year 6 2028/2029	Year 7 2029/2030	Year 8 2030/2031	Year 9 2031/2032	Year 10 2032/2033
Income					
Revenue					
Recurrent Revenue					
Rates, Levies and Charges	69,097,666	71,714,740	74,446,827	77,310,761	80,302,017
Fees and Charges	6,052,096	6,202,278	6,356,212	6,514,000	6,675,725
Rental Income	527,763	540,957	554,482	568,343	582,552
Interest Received	2,267,339	2,324,023	2,382,123	2,441,676	2,502,718
Sales Revenue	7,846,721	8,042,889	8,243,961	8,450,060	8,661,312
Other Income	1,353,892	1,387,742	1,422,438	1,458,002	1,494,451
Grants, Subsidies, Contributions and Donations	8,027,684	8,106,995	8,188,289	8,271,615	8,357,026
	95,173,161	98,319,624	101,594,332	105,014,457	108,575,801
Capital Revenue					
Grants, Subsidies, Contribution and Donations	4,912,610	4,912,610	4,912,610	4,912,610	4,912,610
Total Income	100,085,771	103,232,234	106,506,942	109,927,067	113,488,411
Expenses					
Recurrent Expenses					
Employee Benefits	30,983,626	31,758,211	32,552,179	33,365,982	34,200,120
Materials and Services	35,177,520	36,056,963	36,958,402	38,192,377	38,829,438
Finance Costs	1,531,135	1,368,226	1,221,417	1,113,003	1,012,926
Depreciation and Amortisation	25,093,550	25,623,912	25,898,760	26,121,313	26,392,534
	92,785,831	94,807,312	96,630,758	98,792,675	100,435,017
Capital Expense	(460,316)	(471,824)	(483,620)	(495,711)	(508,104)
Total Expense	92,325,515	94,335,488	96,147,138	98,296,964	99,926,913
Net Result	7,760,256	8,896,747	10,359,804	11,630,103	13,561,498
Net Operating Result	2,387,330	3,512,313	4,963,574	6,221,782	8,140,784

6.2 Financial Position

	Year 2 2024/2025	Year 3 2025/2026	Year 4 2026/2027	Year 5 2027/2028
Assets				
Current Assets				
Cash and Cash Equivalents	$ 60,240,449	$ 59,565,937	$ 59,310,756	$ 60,296,940
Receivables	$ 8,178,519	$ 8,315,275	$ 8,373,092	$ 8,508,190
Inventories	$ 773,547	$ 765,847	$ 758,247	$ 750,747
Total Current Assets	**$ 69,192,515**	**$ 68,647,059**	**$ 68,442,095**	**$ 69,555,877**
Non-Current Assets				
Receivables - Non-Current	$ 239,104	$ -	$ -	$ -
Infrastructure, Property, Plant and Equipment	$ 1,069,614,742	$ 1,075,731,672	$ 1,077,910,646	$ 1,080,090,400
Intangible Assets	$ 6,234,633	$ 6,233,999	$ 6,233,999	$ 6,233,999
Right Of Use Assets	$ 636,295	$ 611,465	$ 586,634	$ 561,934
Total Non-Current Assets	**$ 1,076,724,774**	**$ 1,082,577,136**	**$ 1,084,731,280**	**$ 1,086,886,333**
Total Assets	**$ 1,145,917,289**	**$ 1,151,224,195**	**$ 1,153,173,374**	**$ 1,156,442,210**
Liabilities				
Current Liabilities				
Payables	$ 9,927,312	$ 10,000,967	$ 10,067,866	$ 10,136,004
Borrowings	$ 3,435,981	$ 3,777,907	$ 3,422,237	$ 3,581,764
Provisions	$ 4,145,374	$ 3,983,141	$ 3,943,433	$ 4,034,207
Unearned Revenue	$ 2,308,854	$ 2,317,054	$ 2,325,354	$ 2,333,754
Other Liabilities	$ 1,470,746	$ -	$ -	$ -
Total Current Liabilities	**$ 21,288,267**	**$ 20,079,069**	**$ 19,758,890**	**$ 20,085,730**
Non-Current Liabilities				
Payables - Non-Current	$ 667,520	$ 648,074	$ 628,243	$ 607,879
Borrowings - Non-Current	$ 22,697,222	$ 24,919,315	$ 21,497,078	$ 17,917,355
Provisions - Non-Current	$ 13,099,395	$ 13,258,254	$ 13,851,087	$ 14,333,066
Other Liabilities - Non-Current	$ -	$ -	$ -	$ -
Total Non-Current Liabilities	**$ 36,464,137**	**$ 38,825,643**	**$ 35,976,408**	**$ 32,858,301**
Total Liabilities	**$ 57,752,404**	**$ 58,904,713**	**$ 55,735,297**	**$ 52,944,031**
Net Assets	**$ 1,088,164,885**	**$ 1,092,319,482**	**$ 1,097,438,077**	**$ 1,103,498,179**
Equity				
Retained Earnings	$ 448,462,725	$ 452,617,322	$ 457,735,917	$ 463,796,019
Revaluation Reserve	$ 639,702,160	$ 639,702,160	$ 639,702,160	$ 639,702,160
Total Equity	**$ 1,088,164,885**	**$ 1,092,319,482**	**$ 1,097,438,077**	**$ 1,103,498,179**

	Year 6 2028/2029	Year 7 2029/2030	Year 8 2030/2031	Year 9 2031/2032	Year 10 2032/2033
Assets					
Current Assets					
Cash and Cash Equivalents	$ 56,169,579	$ 61,766,239	$ 65,861,858	$ 70,746,563	$ 81,121,270
Receivables	$ 8,725,953	$ 8,381,563	$ 8,380,451	$ 8,528,740	$ 8,432,393
Inventories	$ 743,347	$ 736,047	$ 728,847	$ 721,747	$ 714,747
Total Current Assets	**$ 65,638,879**	**$ 70,883,850**	**$ 74,971,155**	**$ 79,997,050**	**$ 90,268,410**
Non-Current Assets					
Receivables - Non-Current	$ -	$ -	$ -	$ -	$ -
Infrastructure, Property, Plant and Equipment	$ 1,088,677,957	$ 1,090,319,062	$ 1,093,396,730	$ 1,097,780,678	$ 1,100,296,407
Intangible Assets	$ 6,233,999	$ 6,233,999	$ 6,233,999	$ 6,233,999	$ 6,233,999
Right Of Use Assets	$ 537,234	$ 512,534	$ 487,834	$ 463,133	$ 438,433
Total Non-Current Assets	**$ 1,095,449,190**	**$ 1,097,065,595**	**$ 1,100,118,563**	**$ 1,104,477,811**	**$ 1,106,968,839**
Total Assets	**$ 1,161,088,070**	**$ 1,167,949,445**	**$ 1,175,089,718**	**$ 1,184,474,861**	**$ 1,197,237,249**
Liabilities					
Current Liabilities					
Payables	$ 10,205,271	$ 10,275,698	$ 10,347,312	$ 10,420,146	$ 10,494,227
Borrowings	$ 3,640,606	$ 3,813,514	$ 577,949	$ 605,452	$ 634,497
Provisions	$ 4,143,471	$ 5,251,299	$ 6,506,673	$ 5,658,353	$ 4,189,433
Other Liabilites	$ 2,342,254	$ 2,350,854	$ 2,359,554	$ 2,368,354	$ 2,377,254
Total Current Liabilities	**$ 20,331,602**	**$ 21,691,365**	**$ 19,791,489**	**$ 19,052,305**	**$ 17,695,411**
Non-Current Liabilities					
Payables - Non-Current	$ 586,966	$ 565,488	$ 543,432	$ 520,781	$ 497,519
Borrowings - Non-Current	$ 14,274,769	$ 10,461,254	$ 9,883,305	$ 9,277,933	$ 8,643,355
Provisions - Non-Current	$ 14,636,297	$ 15,076,154	$ 14,356,506	$ 13,478,752	$ 14,694,377
Other Liabilites - Non-Current	$ -	$ -	$ -	$ -	$ -
Total Non-Current Liabilities	**$ 29,498,032**	**$ 26,102,897**	**$ 24,783,243**	**$ 23,277,466**	**$ 23,835,251**
Total Liabilities	**$ 49,829,634**	**$ 47,794,262**	**$ 44,574,732**	**$ 42,329,771**	**$ 41,530,661**
Net Assets	**$ 1,111,258,435**	**$ 1,120,155,182**	**$ 1,130,514,986**	**$ 1,142,145,089**	**$ 1,155,706,587**
Equity					
Retained Earnings	$ 471,556,275	$ 480,453,022	$ 490,812,826	$ 502,442,929	$ 516,004,427
Revaluation Reserve	$ 639,702,160	$ 639,702,160	$ 639,702,160	$ 639,702,160	$ 639,702,160
Total Equity	**$ 1,111,258,435**	**$ 1,120,155,182**	**$ 1,130,514,986**	**$ 1,142,145,089**	**$ 1,155,706,587**

6.3 Cash Flow

	Year 2 2024/2025	Year 3 2025/2026	Year 4 2026/2027	Year 5 2027/2028
Cash Flows from Operating Activities				
Receipts:				
Receipts from Customers	$ 81,494,120	$ 80,587,708	$ 83,180,220	$ 85,970,629
Interest Received	$ 2,044,125	$ 2,105,449	$ 2,158,085	$ 2,212,038
Rental Income	$ 475,805	$ 490,079	$ 502,331	$ 514,890
Non-Capital Grants and Contributions	$ 7,691,925	$ 7,801,167	$ 7,874,816	$ 7,950,307
Payments:				
Payment to Suppliers	-$ 65,398,682	-$ 67,705,708	-$ 67,305,509	-$ 69,288,232
Borrowing Costs	-$ 1,100,496	-$ 1,256,379	-$ 1,401,836	-$ 1,243,782
Net Cash Provided (or Used) in Operating Activities	**$ 25,206,797**	**$ 22,022,316**	**$ 25,008,107**	**$ 26,115,850**
Cash Flows from Investing Activities				
Receipts:				
Proceeds from Sale of PPE	$ 415,000	$ 427,450	$ 438,136	$ 449,089
Grants, Subsidies, Contributions and Donations	$ 1,736,347	$ 4,912,610	$ 4,912,610	$ 4,912,610
Payments:				
Payments for PPE	-$ 25,798,757	-$ 30,600,907	-$ 26,836,127	-$ 27,071,170
Net Cash Provided (or Used) in Investing Activities	**-$ 23,647,410**	**-$ 25,260,847**	**-$ 21,485,381**	**-$ 21,709,471**
Cash Flows from Financing Activities				
Receipts:				
Proceeds from Borrowings	$ 5,800,000	$ 6,000,000	$ -	$ -
Payments:				
Repayments of Borrowings	-$ 3,462,889	-$ 3,435,981	-$ 3,777,907	-$ 3,420,195
Net Cash Provided (or Used) in Financing Activities	**$ 2,337,111**	**$ 2,564,019**	**-$ 3,777,907**	**-$ 3,420,195**
Net Increase/(Decrease) in Cash and Cash Equivalents	$ 3,896,498	-$ 674,512	-$ 255,181	$ 986,184
Cash and Cash Equivalents at Beginning of Period	$ 56,343,950	$ 60,240,449	$ 59,565,937	$ 59,310,756
Cash and Cash Equivalents at End of Period	$ 60,240,449	$ 59,565,937	$ 59,310,756	$ 60,296,940

	Year 6 2028/2029	Year 7 2029/2030	Year 8 2030/2031	Year 9 2031/2032	Year 10 2032/2033
Cash Flows from Operating Activities					
Receipts:					
Receipts from Customers	$ 88,882,356	$ 92,560,416	$ 95,460,522	$ 98,699,139	$ 102,472,202
Interest Received	$ 2,267,339	$ 2,324,023	$ 2,382,123	$ 2,441,676	$ 2,502,718
Rental Income	$ 527,763	$ 540,957	$ 554,482	$ 568,343	$ 582,552
Non capital grants and contributions	$ 8,027,684	$ 8,106,995	$ 8,188,289	$ 8,271,615	$ 8,357,026
Payments:					
Payment to Suppliers	-$ 70,885,155	-$ 71,522,959	-$ 74,375,342	-$ 78,755,244	-$ 78,804,938
Borrowing costs	-$ 1,082,245	-$ 918,406	-$ 747,567	-$ 692,837	-$ 668,596
Net Cash Provided (or Used) in Operating Activities	**$ 27,737,742**	**$ 31,091,026**	**$ 31,462,508**	**$ 30,532,692**	**$ 34,440,965**
Cash Flows from Investing Activities					
Receipts:					
Proceeds from sale of PPE	$ 460,316	$ 471,824	$ 483,620	$ 495,711	$ 508,104
Grants, subsidies ,contributions & donations	$ 4,912,610	$ 4,912,610	$ 4,912,610	$ 4,912,610	$ 4,912,610
Payments:					
Payments for PPE	-$ 33,654,284	-$ 27,238,193	-$ 28,949,605	-$ 30,478,439	-$ 28,881,439
Net Cash Provided (or Used) in Investing Activities	**-$ 28,281,358**	**-$ 21,853,759**	**-$ 23,553,375**	**-$ 25,070,118**	**-$ 23,460,725**
Cash Flows from Financing Activities					
Receipts:					
Proceeds from Borrowings	$ -	$ -	$ -	$ -	$ -
Payments:					
Repayments of borrowings	-$ 3,583,744	-$ 3,640,607	-$ 3,813,515	-$ 577,869	-$ 605,533
Net Cash Provided (or Used) in Financing Activities	**-$ 3,583,744**	**-$ 3,640,607**	**-$ 3,813,515**	**-$ 577,869**	**-$ 605,533**
Net Increase/(Decrease) in Cash and Cash Equivalents	-$ 4,127,361	$ 5,596,660	$ 4,095,618	$ 4,884,705	$ 10,374,707
Cash and Cash Equivalents at Beginning of Period	$ 60,296,940	$ 56,169,579	$ 61,766,239	$ 65,861,858	$ 70,746,563
Cash and Cash Equivalents at End of Period	$ 56,169,579	$ 61,766,239	$ 65,861,858	$ 70,746,563	$ 81,121,270

6.4 Changes in Equity

	Year 2 2024/2025	Year 3 2025/2026	Year 4 2026/2027	Year 5 2027/2028
Asset Revaluation Surplus				
Opening Balance	$ 639,702,160	$ 639,702,160	$ 639,702,160	$ 639,702,160
Increase/(Decrease) in Asset Revaluation Surplus	$ -	$ -	$ -	$ -
Closing Balance	$ 639,702,160	$ 639,702,160	$ 639,702,160	$ 639,702,160
Retained Surplus				
Opening Balance	$ 448,318,094	$ 448,462,725	$ 452,617,322	$ 457,735,917
Net Result	$ 144,631	$ 4,154,597	$ 5,118,595	$ 6,060,103
Closing Balance	$ 448,462,725	$ 452,617,322	$ 457,735,917	$ 463,796,019
Total Community Equity	**$ 1,088,164,885**	**$ 1,092,319,482**	**$ 1,097,438,077**	**$ 1,103,498,179**

	Year 6 2028/2029	Year 7 2029/2030	Year 8 2030/2031	Year 9 2031/2032	Year 10 2032/2033
Asset Revaluation Surplus					
Opening Balance	$ 639,702,160	$ 639,702,160	$ 639,702,160	$ 639,702,160	$ 639,702,160
Increase/(Decrease) in Asset Revaluation Surplus	$ -	$ -	$ -	$ -	$ -
Closing Balance	$ 639,702,160	$ 639,702,160	$ 639,702,160	$ 639,702,160	$ 639,702,160
Retained Surplus					
Opening Balance	$ 463,796,019	$ 471,556,275	$ 480,453,022	$ 490,812,826	$ 502,442,929
Net Result	$ 7,760,256	$ 8,896,747	$ 10,359,804	$ 11,630,103	$ 13,561,498
Closing Balance	$ 471,556,275	$ 480,453,022	$ 490,812,826	$ 502,442,929	$ 516,004,427
Total Community Equity	**$ 1,111,258,435**	**$ 1,120,155,182**	**$ 1,130,514,986**	**$ 1,142,145,089**	**$ 1,155,706,587**

7.0 Investments

Council had $62.10m held in bank accounts on 30 June 2024. Out of this balance, 94.2% was held with QTC with an end of month interest rate of 4.74%, 5.7% was with Commonwealth Bank with an interest rate of 4.85% and the remaining 0.1% was sitting with Bendigo Bank with no interest rate identified at this stage.

Institution	Rating	Rate at 30/06/2023	Current Rate
QTC	A1+	4.15%	4.74%
CBA General Account (new)	A1+	4.60%	4.85%
CBA General Account	A1+	4.60%	4.85%

Investment Portfolio Report

as at 30/6/2024

	Financial Institution			TOTAL
	Queensland Treasury	Bendigo Bank	Commonwealth Bank of Australia	
Opening Investment Balance 1 July 2023	47,968,495	375,308	15,917,155	**64,260,958**
Interest Rate	4.74%	0.00%	4.85%	
Deposits	28,000,000	615,128	178,151,684	**206,766,812**
Redemptions	- 20,000,000	- 909,666	- 191,005,276	- **211,914,942**
Balance	55,968,495	80,770	3,063,563	**59,112,828**
Interest Income	2,591,031	-	468,116	**3,059,147**
Admin Charge	- 65,413	- 121	-	- **65,534**
Net Interest Income	2,525,618	- 121	468,116	**2,993,613**
Ending Investment Balance as at 30/6/2024	58,494,113	80,649	3,531,679	**62,106,441**
% to Portfolio	94.18%	0.13%	5.69%	
Short Term Rating	A1+	A2	A1+	
Individual Counter - Party Limit	100%	10%	30%	
Maximum Funds Limit	No Limit	$20M	$20M	

8.0 Works for Queensland Round 4 (W4Q4)

The Works for Queensland Round 4 has a total budget of $5.63m with a grant period spanning from July 2021 to June 2024. Council has received a total of 90% of the grant funding ($2,815,000 during July 2021 and $2,252,000 during January 2024) with these funds being posted as a contract liability in the balance sheet until funds have been used. So far Council has spent around $4.6m over the life of the W4Q4 funding with $3.19m of this on eligible projects for this financial year. The W4Q4 program was due to end on the 30th June 2024 however an extension for the Mount Wooroolin Reservoir Project has been approved.

9.0 Rates Update

During June 2024 the Rates Department have processed:

- 114 rates searches
- 209 rates requests
- 153 transfers of properties
- 35 amalgamations and splits
- 5 refunds processed
- 1 archive search

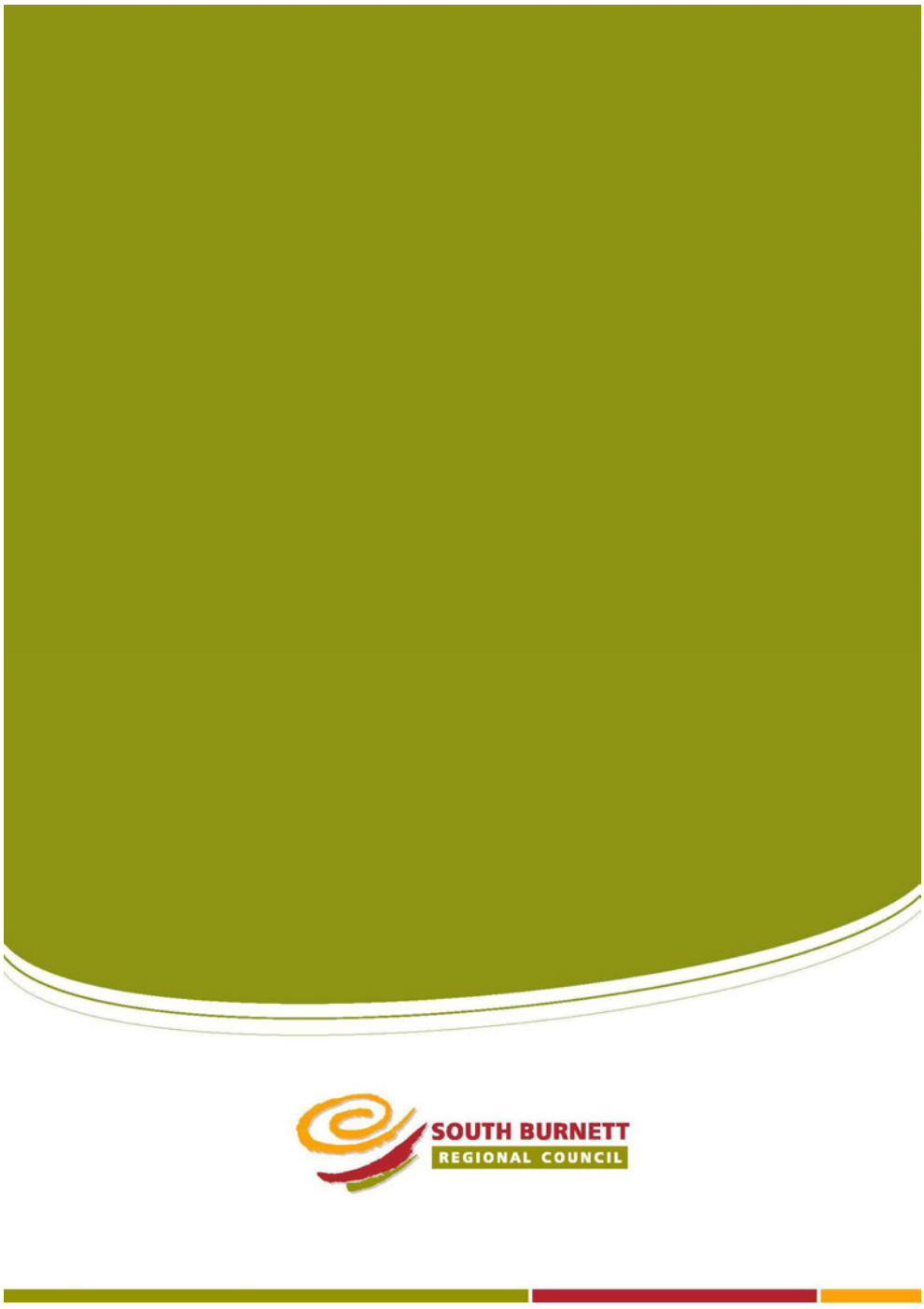
Outstanding debts that met Council's Policy and had previously been referred to the external debt collectors, are now being prepared for Statement of Claim (which is the next stage of external debt collection process).

10.0 Grants Report

The Grant report is attached to this document and Finance and the Senior Grants Audit Officer will continue to refine the report to ensure that it continues to report up to date and relevant data. While the team have endeavoured to ensure that the information is accurate and up to date, it is acknowledged that some of the data relating to grant completion due dates and other details may still need to be updated in the instances where extensions have been approved or details have changed.

There may also be some grants missing from the below table which provides details on grants activities over the last few months including applications, successful submissions and any submissions that were unsuccessful. This listing will continue to be worked on over the next few months to ensure that all grants are captured.

Recent Grant Activity Summary (3 months)	
as at 30/06/2024	
Grant Project Name	**Grant Program**
New Grant Applications Lodged	
Kingaroy Sustainable Airport Precinct Development Plan	Regional Precincts and Partnerships Program
Energy savings projects (incl solar installation)	Community Energy Program
Successful Grant Applications	
South Burnett Industrial Circular Economy Precinct	Regional Economic Futures Fund
Amenities to support active recreation in Murgon	Minor Infrastructure and Inclusive Facilities Fund
Amenities to support active recreation in Nanango	Minor Infrastructure and Inclusive Facilities Fund
Blackbutt SES Vehicle	State Emergency Service (SES) Support Grant 2024-25
Multi-activity program for women and girls	Active Women and Girls - Round 1
Seniors Month 2024 (August)	Council on the Ageing Queensland
South Burnett Safe & Secure Recovery Project	Disaster Recovery Funding Arrangements
Unsuccessful Grant Applications	
Regional University Study Hub	2023 Regional University Study Hubs Program
Domestic Violence and Disability Housing	Safe Places Inclusion Grant
Kingaroy Pool & Amenities Refurbishment	Growing Regions Program
Disaster Communications and Emergency Power Supply	Queensland Resilience & Risk Reduction Fund


SOUTH BURNETT
REGIONAL COUNCIL

2023/2024 Capex Report for Council

Project Code	Project Description	Depreciation	Restricted Cash	Proceeds from Sale of Fleet	Grant Funding	Developer Contribution	Total Budgeted Revenue	2023/2024 Adopted Budget	2022/2023 Continued Projects	First Quarter Budget Adjustments	Second Quarter Budget Adjustments	Third Quarter Budget Adjustments	Fourth Quarter Budget Adjustments	Total Available Budget	Commitments	2023/2024 Actual Expenditure	2023/2024 Actual Expenditure & Commitments
		REVENUE SOURCES						EXPENDITURE BUDGET							EXPENDITURE ACTUALS		
Facilities																	
Caravan Park - Prost																	
006883	Proston Caravan Park - Amenities Refurb	26,655.05	-	-	-	-	26,655.05	20,000.00	-	-	-	-	6,655.05	26,655.05	-	26,655.05	26,655.05
		26,655.05	**-**	**-**	**-**	**-**	**26,655.05**	**20,000.00**	**-**	**-**	**-**	**-**	**6,655.05**	**26,655.05**	**-**	**26,655.05**	**26,655.05**
Depot - Kingaroy																	
006747	Kingaroy Depot Car Parking	-	-	-	-	-	-	-	128,409.37	-	- 128,409.37	-	-	-	-	1,312.50	1,312.50
006885	Kingaroy Depot - Solar Power	-	-	-	-	-	-	200,000.00	-	-	-	- 200,000.00	-	-	-	14,009.52	14,009.52
		-	**-**	**-**	**-**	**-**	**-**	**200,000.00**	**128,409.37**	**-**	**- 128,409.37**	**- 200,000.00**	**-**	**-**	**-**	**15,322.02**	**15,322.02**
Depot - Murgon																	
005836	MacAllister St -Install Security Fencing	-	-	-	-	-	-	-	-	24,915.00	-	- 24,915.00	-	-	-	-	-
006886	Murgon Depot - Crib Rm Repairs & H/Stand	43,344.95	-	-	-	-	43,344.95	50,000.00	-	-	-	-	- 6,655.05	43,344.95	5,948.94	40,315.39	46,264.33
		43,344.95	**-**	**-**	**-**	**-**	**43,344.95**	**50,000.00**	**-**	**24,915.00**	**-**	**- 24,915.00**	**- 6,655.05**	**43,344.95**	**5,948.94**	**40,315.39**	**46,264.33**
Depot - Blackbutt																	
006884	Blackbutt Pks Depot Shed - Connect Elec.	22,008.04	-	-	-	-	22,008.04	20,000.00	-	-	-	2,008.04	-	22,008.04	-	22,008.04	22,008.04
		22,008.04	**-**	**-**	**-**	**-**	**22,008.04**	**20,000.00**	**-**	**-**	**-**	**2,008.04**	**-**	**22,008.04**	**-**	**22,008.04**	**22,008.04**
SES - Blackbutt																	
006848	Blackbutt SES Building - roof/ceiling	24,412.00	-	-	73,237.00	-	97,649.00	97,649.00	-	-	-	-	-	97,649.00	-	95,527.41	95,527.41
		24,412.00	**-**	**-**	**73,237.00**	**-**	**97,649.00**	**97,649.00**	**-**	**-**	**-**	**-**	**-**	**97,649.00**	**-**	**95,527.41**	**95,527.41**
Hall - Nanango Cultu																	
006887	Nanango Cultural Centre - Replace Chairs	19,287.00	-	-	-	-	19,287.00	30,000.00	-	-	-	- 10,713.00	-	19,287.00	-	19,287.14	19,287.14
		19,287.00	**-**	**-**	**-**	**-**	**19,287.00**	**30,000.00**	**-**	**-**	**-**	**- 10,713.00**	**-**	**19,287.00**	**-**	**19,287.14**	**19,287.14**
Hall - Mondure																	
006838	Mondure Hall-ReRoof & Structural Upgrade	-	78,778.00	-	100,000.00	-	178,778.00	-	-	218,778.00	-	- 40,000.00	-	178,778.00	-	180,519.04	180,519.04
		-	**78,778.00**	**-**	**100,000.00**	**-**	**178,778.00**	**-**	**-**	**218,778.00**	**-**	**- 40,000.00**	**-**	**178,778.00**	**-**	**180,519.04**	**180,519.04**
Hall - Blackbutt Mem																	
006888	DLGGSP - Blackbutt Memorial Hall- ReRoof	55,000.00	-	-	120,000.00	-	175,000.00	200,000.00	-	-	-	-	- 25,000.00	175,000.00	3,542.80	170,540.37	174,083.17
		55,000.00	**-**	**-**	**120,000.00**	**-**	**175,000.00**	**200,000.00**	**-**	**-**	**-**	**-**	**- 25,000.00**	**175,000.00**	**3,542.80**	**170,540.37**	**174,083.17**
Housing																	
006889	Nanango- Railway Ln Rental House- ReRoof	-	-	-	-	-	-	100,000.00	-	- 50,000.00	-	- 50,000.00	-	-	-	-	-
006890	Nanango - Appin St Units- Reseal Carpark	41,500.00	-	-	-	-	41,500.00	50,000.00	-	-	- 8,500.00	-	-	41,500.00	-	41,677.31	41,677.31
006891	Nanango-Brighthaven Units-Reno 2 Bathrms	50,542.00	-	-	-	-	50,542.00	40,000.00	-	-	-	10,542.00	-	50,542.00	-	49,528.16	49,528.16
		92,042.00	**-**	**-**	**-**	**-**	**92,042.00**	**190,000.00**	**-**	**- 50,000.00**	**- 8,500.00**	**- 39,458.00**	**-**	**92,042.00**	**-**	**91,205.47**	**91,205.47**
Museum - Boondooma H																	
006012	Boondooma-Homestead Renovations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- 25,560.00	- 25,560.00
006749	Boondooma Homestead - Replace Tourism Ro	2,100.00	-	-	-	-	2,100.00	-	-	-	2,100.00	-	-	2,100.00	-	2,100.00	2,100.00
006892	Boondooma Homestead - Restoration	-	-	-	-	-	-	50,000.00	-	-	-	- 50,000.00	-	-	-	-	-
		2,100.00	**-**	**-**	**-**	**-**	**2,100.00**	**50,000.00**	**-**	**-**	**2,100.00**	**- 50,000.00**	**-**	**2,100.00**	**-**	**- 23,460.00**	**- 23,460.00**
Museum - Nanango Ene																	
006846	SB Energy Centre- Compressor replacement	2,466.50	-	-	-	-	2,466.50	-	-	-	-	2,466.50	-	2,466.50	-	2,466.50	2,466.50
		2,466.50	**-**	**-**	**-**	**-**	**2,466.50**	**-**	**-**	**-**	**-**	**2,466.50**	**-**	**2,466.50**	**-**	**2,466.50**	**2,466.50**
Swimming Pool - King																	
006029	Kingaroy-Pool-Refurbishment-Concept Plan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	678.09	678.09
006761	Kingaroy Memorial Pool - Construction Dr	-	-	-	-	-	-	-	200,000.00	-	-	- 200,000.00	-	-	-	-	-
006897	Kingaroy S/Pool-Install Paramobility Pod	-	-	-	-	-	-	100,000.00	-	-	-	6,000.00	- 106,000.00	-	-	-	-
006987	Heat Pump - Kingaroy Learn to Swim Pool	-	9,450.00	-	-	-	9,450.00	-	-	-	9,450.00	-	-	9,450.00	-	9,450.00	9,450.00
006991	Kingaroy S/Pool - Replace L2Swim Heat Pu	-	-	-	-	-	-	-	-	10,850.00	- 10,850.00	-	-	-	-	-	-
		-	**9,450.00**	**-**	**-**	**-**	**9,450.00**	**100,000.00**	**200,000.00**	**10,850.00**	**- 1,400.00**	**- 194,000.00**	**- 106,000.00**	**9,450.00**	**-**	**10,128.09**	**10,128.09**
Swimming Pool - Murg																	
006895	BBRF-Murgon S/Pool- Reseal Joint&Repaint	102,000.00	-	-	-	-	102,000.00	140,000.00	-	-	-	- 38,000.00	-	102,000.00	135,241.05	57,818.18	193,059.23
		102,000.00	**-**	**-**	**-**	**-**	**102,000.00**	**140,000.00**	**-**	**-**	**-**	**- 38,000.00**	**-**	**102,000.00**	**135,241.05**	**57,818.18**	**193,059.23**
Swimming Pool - Wond																	
006536	Wondai Swimming Pool Refurbishment	-	148,516.01	-	101,649.46	-	250,165.47	-	335,443.23	-	- 85,277.76	-	-	250,165.47	-	250,165.47	250,165.47
006896	Wondai S/Pool - Install Paramobility Pod	-	-	-	-	-	-	100,000.00	-	-	-	6,000.00	- 106,000.00	-	-	-	-
006992	LRCI_4_B - Wondai SP - Disabled Car Park	-	-	-	75,000.00	-	75,000.00	-	-	75,000.00	-	-	-	75,000.00	4,731.80	10,240.97	14,972.77
		-	**148,516.01**	**-**	**176,649.46**	**-**	**325,165.47**	**100,000.00**	**335,443.23**	**75,000.00**	**- 85,277.76**	**6,000.00**	**- 106,000.00**	**325,165.47**	**4,731.80**	**260,406.44**	**265,138.24**
Sp/ground-Murgon																	
006893	LRCI - Murgon PCYC - Bathroom Renovation	-	-	-	150,000.00	-	150,000.00	650,000.00	-	-	- 500,000.00	-	-	150,000.00	508,909.09	6,419.50	515,328.59
006894	Murgon PCYC - New Balustrade & Seating	-	-	-	-	-	-	80,000.00	-	-	-	- 80,000.00	-	-	-	-	-
		-	**-**	**-**	**150,000.00**	**-**	**150,000.00**	**730,000.00**	**-**	**-**	**- 500,000.00**	**- 80,000.00**	**-**	**150,000.00**	**508,909.09**	**6,419.50**	**515,328.59**
General																	
006827	Purchase of 3 new Christmas Trees	-	96,497.97	-	-	-	96,497.97	-	31,315.73	57,052.67	8,129.57	-	-	96,497.97	-	96,497.97	96,497.97
		-	**96,497.97**	**-**	**-**	**-**	**96,497.97**	**-**	**31,315.73**	**57,052.67**	**8,129.57**	**-**	**-**	**96,497.97**	**-**	**96,497.97**	**96,497.97**
		389,315.54	**333,241.98**	**-**	**619,886.46**	**-**	**1,342,443.98**	**1,927,649.00**	**695,168.33**	**336,595.67**	**- 713,357.56**	**- 666,611.46**	**- 237,000.00**	**1,342,443.98**	**658,373.68**	**1,071,656.61**	**1,730,030.29**
Office																	
Admin Office - Kinga																	
005483	Council Chambers Audio Video	-	19,261.75	-	-	-	19,261.75	-	-	-	19,261.75	-	-	19,261.75	-	19,261.75	19,261.75

Project Code	Project Description	Depreciation	Restricted Cash	Proceeds from Sale of Fleet	Grant Funding	Developer Contribution	Total Budgeted Revenue	2023/2024 Adopted Budget	2022/2023 Continued Projects	First Quarter Budget Adjustments	Second Quarter Budget Adjustments	Third Quarter Budget Adjustments	Fourth Quarter Budget Adjustments	Total Available Budget	Commitments	2023/2024 Actual Expenditure	2023/2024 Actual Expenditure & Commitments
		-	19,261.75	-	-	-	19,261.75	-	-	-	19,261.75	-	-	19,261.75	-	19,261.75	19,261.75
Info Serv - ICT																	
000379	Computer Infrastructure & Upgrade	182,000.00	-	-	-	-	182,000.00	140,000.00	-	-	-	42,000.00	-	182,000.00	-	183,687.38	183,687.38
000381	Server Hardware	139,000.00	13,205.53	-	-	-	152,205.53	135,000.00	32,467.28	-	- 19,261.75	4,000.00	-	152,205.53	-	152,028.10	152,028.10
000382	Photocopiers & Printers	35,000.00	-	-	-	-	35,000.00	32,000.00	-	-	-	3,000.00	-	35,000.00	-	35,575.00	35,575.00
006052	Microwave Radio & Hardware	16,000.00	-	-	-	-	16,000.00	35,000.00	-	-	-	- 19,000.00	-	16,000.00	-	14,713.59	14,713.59
006053	MS Cloud Provisioning	-	-	-	-	-	-	30,000.00	-	-	-	- 30,000.00	-	-	-	-	-
007070	ICT Tablets - In Field	30,000.00	-	-	-	-	30,000.00	-	-	-	-	30,000.00	-	30,000.00	-	29,025.00	29,025.00
		402,000.00	**13,205.53**	**-**	**-**	**-**	**415,205.53**	**372,000.00**	**32,467.28**	**-**	**- 19,261.75**	**30,000.00**	**-**	**415,205.53**	**-**	**415,029.07**	**415,029.07**
		402,000.00	**32,467.28**	**-**	**-**	**-**	**434,467.28**	**372,000.00**	**32,467.28**	**-**	**-**	**30,000.00**	**-**	**434,467.28**	**-**	**434,290.82**	**434,290.82**
Fleet																	
Plant & Fleet Manage																	
006515	Plant and Fleet Replacement 2021-22	-	1,408,012.23	-	-	-	1,408,012.23	-	1,408,012.23	-	-	-	-	1,408,012.23	872,594.62	525,702.11	1,398,296.73
006767	Plant and Fleet Replacement 2022/2023	-	2,626,274.24	-	-	-	2,626,274.24	-	2,626,274.24	-	-	-	-	2,626,274.24	753,142.36	1,967,101.17	2,720,243.53
006876	Plant & Fleet Replacement 2023/2024	1,959,108.00	2,191,392.00	415,000.00	-	-	4,565,500.00	4,565,500.00	-	-	-	-	-	4,565,500.00	3,149,347.75	992,058.45	4,141,406.20
		1,959,108.00	**6,225,678.47**	**415,000.00**	**-**	**-**	**8,599,786.47**	**4,565,500.00**	**4,034,286.47**	**-**	**-**	**-**	**-**	**8,599,786.47**	**4,775,084.73**	**3,484,861.73**	**8,259,946.46**
		1,959,108.00	**6,225,678.47**	**415,000.00**	**-**	**-**	**8,599,786.47**	**4,565,500.00**	**4,034,286.47**	**-**	**-**	**-**	**-**	**8,599,786.47**	**4,775,084.73**	**3,484,861.73**	**8,259,946.46**
Community & Lifestyle																	
Aerodrome - Kingaroy																	
006583	RAP-Kingaroy Aerodrome Lighting Upgrade	-	500.00	-	-	-	500.00	-	15,000.00	-	- 14,500.00	-	-	500.00	-	412.80	412.80
006910	CP-Kingaroy Airport Security fence&gate	30,000.00	-	-	30,000.00	-	60,000.00	60,000.00	-	-	-	-	-	60,000.00	-	55,512.07	55,512.07
006911	CP-Kingaroy Airport Line Marking	41,741.76	-	-	-	-	41,741.76	40,000.00	-	-	-	1,741.76	-	41,741.76	-	46,615.05	46,615.05
006912	CP-Kingaroy Airport Stage 1 Masterplan	-	-	-	-	-	-	10,000.00	-	-	-	-	- 10,000.00	-	-	-	-
007003	CP-Kingaroy Aerodrome - Pavement Repairs	43,870.00	-	-	-	-	43,870.00	-	-	43,870.00	-	-	-	43,870.00	-	28,788.01	28,788.01
007027	Kingaroy Aerodrome - Fuel Bowser Replace	13,550.00	14,500.00	-	-	-	28,050.00	-	-	-	28,050.00	-	-	28,050.00	-	28,050.41	28,050.41
		129,161.76	**15,000.00**	**-**	**30,000.00**	**-**	**174,161.76**	**110,000.00**	**15,000.00**	**43,870.00**	**13,550.00**	**1,741.76**	**- 10,000.00**	**174,161.76**	**-**	**159,378.34**	**159,378.34**
Aerodrome - Wondai																	
006771	CP - Wondai Aerodrome - Reseal Carpark	29,388.24	-	-	-	-	29,388.24	45,000.00	-	- 13,870.00	-	- 1,741.76	-	29,388.24	-	29,388.24	29,388.24
		29,388.24	**-**	**-**	**-**	**-**	**29,388.24**	**45,000.00**	**-**	**- 13,870.00**	**-**	**- 1,741.76**	**-**	**29,388.24**	**-**	**29,388.24**	**29,388.24**
Cemeteries - Kingaro																	
006772	CP - Taabinga Cemetery - Carpark reseal	-	-	-	-	-	-	45,000.00	-	-	- 45,000.00	-	-	-	-	-	-
006774	CP - Taabinga Cemetery expansion	-	-	-	-	-	-	52,000.00	-	-	-	- 52,000.00	-	-	-	-	-
006913	CP-All Cemeteries - new signage	-	-	-	-	-	-	25,000.00	-	-	18,405.37	- 43,405.37	-	- 0.00	-	-	-
006914	CP-Taabinga Cemetery road formation-lawn	-	-	-	-	-	-	30,000.00	-	- 30,000.00	-	-	-	-	-	-	-
		-	**-**	**-**	**-**	**-**	**-**	**152,000.00**	**-**	**- 30,000.00**	**- 26,594.63**	**- 95,405.37**	**-**	**- 0.00**	**-**	**-**	**-**
Cemeteries - Murgon																	
006993	Murgon Cemetery - Toilet Emergency Works	-	-	-	-	-	-	-	-	20,000.00	-	- 20,000.00	-	-	-	-	-
		-	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**20,000.00**	**-**	**- 20,000.00**	**-**	**-**	**-**	**-**	**-**
Cemeteries - Proston																	
006775	CP - Proston Cemetery - Expansion/Road	-	-	-	-	-	-	30,000.00	-	-	-	- 30,000.00	-	-	-	-	-
		-	**-**	**-**	**-**	**-**	**-**	**30,000.00**	**-**	**-**	**-**	**- 30,000.00**	**-**	**-**	**-**	**-**	**-**
Cemeteries - Blackbu																	
006828	CP - Blackbutt Cemetery - New Plinths	3,044.63	12,257.28	-	-	-	15,301.91	-	12,257.28	-	3,044.63	-	-	15,301.91	-	15,251.91	15,251.91
		3,044.63	**12,257.28**	**-**	**-**	**-**	**15,301.91**	**-**	**12,257.28**	**-**	**3,044.63**	**-**	**-**	**15,301.91**	**-**	**15,251.91**	**15,251.91**
Cemeteries - Kumbia																	
007033	CP - Kumbia Cemetery Plinths NEW	3,500.00	-	-	-	-	3,500.00	-	-	-	10,000.00	- 6,500.00	-	3,500.00	-	3,500.00	3,500.00
		3,500.00	**-**	**-**	**-**	**-**	**3,500.00**	**-**	**-**	**-**	**10,000.00**	**- 6,500.00**	**-**	**3,500.00**	**-**	**3,500.00**	**3,500.00**
Saleyards - Coolabun																	
006777	CP - Coolabunia Saleyards-Asset Upgrades	180,000.00	54,252.28	-	-	-	234,252.28	180,000.00	54,252.28	-	-	-	-	234,252.28	-	180,923.06	180,923.06
006915	CP-Coolabunia Saleyards truckwash upgrad	25,000.00	-	-	-	-	25,000.00	25,000.00	-	-	-	-	-	25,000.00	-	-	-
		205,000.00	**54,252.28**	**-**	**-**	**-**	**259,252.28**	**205,000.00**	**54,252.28**	**-**	**-**	**-**	**-**	**259,252.28**	**-**	**180,923.06**	**180,923.06**
Tourism - Yallakool																	
006804	Yallakool & Boondooma Dams Upgrade Proj	-	71,160.00	-	23,720.00	-	94,880.00	-	94,880.00	-	-	-	-	94,880.00	-	94,726.48	94,726.48
006916	CP-BP Dam Washing machine & Dryers	30,000.00	-	-	-	-	30,000.00	30,000.00	-	-	-	-	-	30,000.00	-	29,522.20	29,522.20
006917	CP-Boondooma Dam Access Ramp & Rec room	-	-	-	-	-	-	25,000.00	-	-	-	- 25,000.00	-	-	-	-	-
		30,000.00	**71,160.00**	**-**	**23,720.00**	**-**	**124,880.00**	**55,000.00**	**94,880.00**	**-**	**-**	**- 25,000.00**	**-**	**124,880.00**	**-**	**124,248.68**	**124,248.68**
Tourism - Lake Boon																	
006918	CP-Boondooma Dam Fuel Bowsers	27,831.00	-	-	-	-	27,831.00	27,831.00	-	-	-	-	-	27,831.00	-	25,906.68	25,906.68
		27,831.00	**-**	**-**	**-**	**-**	**27,831.00**	**27,831.00**	**-**	**-**	**-**	**-**	**-**	**27,831.00**	**-**	**25,906.68**	**25,906.68**
		427,925.63	**152,669.56**	**-**	**53,720.00**	**-**	**634,315.19**	**624,831.00**	**176,389.56**	**20,000.00**	**-**	**- 176,905.37**	**- 10,000.00**	**634,315.19**	**-**	**538,596.91**	**538,596.91**
Plant & Equipment																	
Depot - Kingaroy																	
007005	Kingaroy Depot Fuel Bowser Pumps	50,000.00	-	-	-	-	50,000.00	-	-	50,000.00	-	-	-	50,000.00	-	32,064.90	32,064.90
		50,000.00	**-**	**-**	**-**	**-**	**50,000.00**	**-**	**-**	**50,000.00**	**-**	**-**	**-**	**50,000.00**	**-**	**32,064.90**	**32,064.90**
General																	
006853	DisasterResilience-DedicatedStorageNorth	-	-	-	-	-	-	-	-	-	-	-	-	-	909.09	12,228.78	13,137.87
006854	DisasterResilience-DedicatedStorageSouth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8,509.34	8,509.34
006855	DisasterResilience-DedicatedStorageCentr	-	-	-	-	-	-	-	-	-	-	-	-	-	454.54	13,652.37	14,106.91
006856	DRFA Resilience DRFA - Gen Trailer	-	-	-	-	-	-	-	-	-	-	-	-	-	25,091.00	36,918.62	62,009.62
007035	Disaster Resilience DRFA - Vehicle Racks	-	-	-	-	-	-	-	-	-	-	-	-	-	15,993.97	41,249.55	57,243.52

Project Code	Project Description	Depreciation	Restricted Cash	Proceeds from Sale of Fleet	Grant Funding	Developer Contribution	Total Budgeted Revenue	2023/2024 Adopted Budget	2022/2023 Continued Projects	First Quarter Budget Adjustments	Second Quarter Budget Adjustments	Third Quarter Budget Adjustments	Fourth Quarter Budget Adjustments	Total Available Budget	Commitments	2023/2024 Actual Expenditure	2023/2024 Actual Expenditure & Commitments
		-	-	-	-	-	-	-	-	-	-	-	-	-	42,448.60	112,558.66	155,007.26
		50,000.00	-	-	-	-	50,000.00	-	-	50,000.00	-	-	-	50,000.00	42,448.60	144,623.56	187,072.16
Parks																	
Parks & Gardens																	
006529	CP - Regional Parks Redevelopment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- 903.09	- 903.09
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	- 903.09	- 903.09
Sp/ground-Maidenwel																	
006920	Maidenwell Completion of steps to Coomba	-	-	-	-	-	-	70,000.00	-	-	-	- 70,000.00	-	-	-	-	-
		-	-	-	-	-	-	70,000.00	-	-	-	- 70,000.00	-	-	-	-	-
W4Q - Round 4																	
006531	W4Q4-Benarkin Park Renewal	-	-	-	4,249.22	-	4,249.22	-	20,000.00	-	- 7,189.78	- 8,561.00	-	4,249.22	-	4,249.42	4,249.42
006532	W4Q4-Murgon QE11 Park-Stage 1	-	-	-	14,679.88	-	14,679.88	-	21,596.36	-	- 7,493.48	577.00	-	14,679.88	-	14,679.34	14,679.34
006752	W4Q4-Kingaroy Lions Park Playground	20,000.00	-	-	101,086.09	-	121,086.09	95,000.00	-	-	26,086.09	-	-	121,086.09	-	121,086.09	121,086.09
006758	W4Q4-Lions Park Kingaroy Amenities	-	-	-	240,753.03	-	240,753.03	269,815.00	-	-	- 16,919.97	- 12,142.00	-	240,753.03	-	242,229.82	242,229.82
006759	W4Q4-Wondai 24hr Camping Grounds	20,000.00	-	-	175,984.72	-	195,984.72	150,000.00	-	-	36,583.72	9,401.00	-	195,984.72	-	195,984.25	195,984.25
006806	W4Q4-Tipperary Flat N'go-Water Feature	-	-	-	-	-	-	-	-	-	-	-	-	-	-	806.11	806.11
006807	W4Q4-Tipperary Flat N'go - Rd & Carpark	-	-	-	58,699.16	-	58,699.16	-	63,671.44	- 10,000.00	10,000.00	10,725.00	- 15,697.28	58,699.16	-	55,654.16	55,654.16
006925	W4Q4-Kumbia Park Redevelopment	-	-	-	130,697.28	-	130,697.28	115,000.00	-	-	-	-	15,697.28	130,697.28	766.50	111,960.85	112,727.35
006926	W4Q4-Kingaroy Memorial Park	-	-	-	312,543.82	-	312,543.82	321,450.00	-	- 7,839.60	- 1,066.58	-	-	312,543.82	-	312,543.82	312,543.82
		40,000.00	-	-	1,038,693.20	-	1,078,693.20	951,265.00	105,267.80	- 17,839.60	40,000.00	-	-	1,078,693.20	766.50	1,059,193.86	1,059,960.36
Parks - Kingaroy																	
006018	CP K'Roy Apex Park-Carpark, Path & Paint	1,808.00	-	-	-	-	1,808.00	-	-	-	-	1,808.00	-	1,808.00	-	1,808.00	1,808.00
006849	DRFA-Memorial Park Footbridge	-	-	-	126,492.74	-	126,492.74	231,030.00	-	-	-	-	- 104,537.26	126,492.74	39,273.85	93,351.85	132,625.70
006875	MIP-Memorial Park Multi Court & Ninja	88,888.89	-	-	111,111.11	-	200,000.00	450,000.00	-	-	-	- 250,000.00	-	200,000.00	451,265.32	132,997.99	584,263.31
006929	Kingaroy Carew Park Shelter and Trees	-	-	-	-	-	-	40,000.00	-	-	- 40,000.00	-	-	-	-	-	-
006930	Kumbia Recreation Park Redeveopment	200,000.00	-	-	-	-	200,000.00	200,000.00	-	-	-	-	-	200,000.00	43,046.50	121,983.60	165,030.10
006938	Kingaroy Apex Park Carpark	77,472.28	-	-	-	-	77,472.28	120,000.00	-	-	- 48,755.93	6,228.21	-	77,472.28	-	77,472.28	77,472.28
006999	Kingaroy Memorial Park Master/Concept Pl	6,000.00	27,990.00	-	-	-	33,990.00	-	-	30,239.00	- 2,249.00	6,000.00	-	33,990.00	-	27,990.00	27,990.00
		374,169.17	27,990.00	-	237,603.85	-	639,763.02	1,041,030.00	-	30,239.00	- 91,004.93	- 235,963.79	- 104,537.26	639,763.02	533,585.67	455,603.72	989,189.39
Parks - Nanango																	
006921	Nanango Pioneer Park walking tracks	-	-	-	-	-	-	6,000.00	-	-	-	- 6,000.00	-	-	-	-	-
006922	Nanango Pioneer Park Repair Washouts	-	-	-	-	-	-	6,000.00	-	-	-	- 6,000.00	-	-	-	-	-
006923	Nanango Lions Park Replace damaged slide	-	-	-	-	-	-	7,500.00	-	-	-	- 7,500.00	-	-	-	-	-
006933	Nanango Butter Factory Park Amenities	-	-	-	-	-	-	220,000.00	-	-	- 220,000.00	-	-	-	-	4,586.82	4,586.82
006934	Nanango Lions Park Shade Sail and Swing	-	-	-	52,318.00	-	52,318.00	52,318.00	-	-	-	-	-	52,318.00	-	45,967.52	45,967.52
006998	Tipperary Flat N'go-Toilet Block Varnish	11,520.00	-	-	-	-	11,520.00	-	-	15,000.00	-	- 3,480.00	-	11,520.00	136.36	14,048.64	14,185.00
		11,520.00	-	-	52,318.00	-	63,838.00	291,818.00	-	15,000.00	- 220,000.00	- 22,980.00	-	63,838.00	136.36	64,602.98	64,739.34
Parks - Blackbutt																	
006919	Blackbutt Les Muller Park	55,000.00	-	-	-	-	55,000.00	50,000.00	-	-	-	5,000.00	-	55,000.00	-	49,463.80	49,463.80
006931	Benarkin First Settlers Park Playground	150,000.00	-	-	-	-	150,000.00	150,000.00	-	-	-	-	-	150,000.00	-	149,613.59	149,613.59
006994	Blackbutt Les Muller Park - Toilet Block	-	11,520.00	-	-	-	11,520.00	-	-	28,500.00	-	- 16,980.00	-	11,520.00	-	13,266.00	13,266.00
007079	Blackbutt Parklands & Sensory Garden	-	-	-	34,777.54	-	34,777.54	-	-	-	-	-	34,777.54	34,777.54	5,450.00	25,701.68	31,151.68
		205,000.00	11,520.00	-	34,777.54	-	251,297.54	200,000.00	-	28,500.00	-	- 11,980.00	34,777.54	251,297.54	5,450.00	238,045.07	243,495.07
Parks - Murgon																	
006753	Murgon QEII Park - Stage 2	-	-	-	-	-	-	-	-	-	-	-	-	-	1,288.00	-	1,288.00
006927	Murgon Skate Park Half Basketball court	-	-	-	-	-	-	32,000.00	-	-	-	- 32,000.00	-	-	-	3,844.93	3,844.93
006928	Murgon QE11 Park Stage 2 Redevelopment	323,000.00	-	-	-	-	323,000.00	450,000.00	-	-	- 150,000.00	23,000.00	-	323,000.00	-	324,046.30	324,046.30
		323,000.00	-	-	-	-	323,000.00	482,000.00	-	-	- 150,000.00	- 9,000.00	-	323,000.00	1,288.00	327,891.23	329,179.23
Parks - Wondai																	
006935	DRFA Dingo Creek Carpark	4,151.00	-	-	180,260.00	-	184,411.00	180,260.00	-	-	-	4,151.00	-	184,411.00	-	184,151.18	184,151.18
006996	Wondai Dingo Creek Park playground light	-	-	-	-	-	-	-	-	14,776.52	- 14,776.52	-	-	-	-	-	-
		4,151.00	-	-	180,260.00	-	184,411.00	180,260.00	-	14,776.52	- 14,776.52	4,151.00	-	184,411.00	-	184,151.18	184,151.18
Parks - Proston																	
006877	Proston Lookout - Lookout Redevelpment	20,454.49	-	-	-	-	20,454.49	16,000.00	-	-	4,454.49	-	-	20,454.49	-	20,454.49	20,454.49
006878	Proston Lookout Bollards	-	-	-	-	-	-	8,000.00	-	-	- 8,000.00	-	-	-	-	-	-
006924	Proston Railway Park Walking track	-	-	-	-	-	-	10,000.00	-	-	-	- 10,000.00	-	-	-	-	-
		20,454.49	-	-	-	-	20,454.49	34,000.00	-	-	- 3,545.51	- 10,000.00	-	20,454.49	-	20,454.49	20,454.49
Rail Trails																	
006932	Blackbutt to Linville Rail Trail	-	-	-	-	-	-	100,000.00	-	-	- 100,000.00	-	-	-	-	-	-
006936	DRFA Kingaroy-Murgon Rail Trail Crossing	-	-	-	527,851.26	-	527,851.26	423,314.00	-	-	-	-	104,537.26	527,851.26	80,576.18	17,094.73	97,670.91
006937	LRCI Kingaroy-Murgon Rail Trail Reseal	-	-	-	713,465.00	-	713,465.00	994,465.00	-	-	-	- 281,000.00	-	713,465.00	-	713,259.94	713,259.94
007026	DTIS - King-Mur Rail Trail Pavement/Cros	-	-	-	631,141.00	-	631,141.00	-	-	-	631,141.00	-	-	631,141.00	93,961.73	102,770.55	196,732.28
		-	-	-	1,872,457.26	-	1,872,457.26	1,517,779.00	-	-	531,141.00	- 281,000.00	104,537.26	1,872,457.26	174,537.91	833,125.22	1,007,663.13
General																	
006995	REGIONAL-CCTV Install and Server Upgrade	-	55,000.00	-	-	-	55,000.00	-	-	55,000.00	-	-	-	55,000.00	300.00	39,898.00	40,198.00
		-	55,000.00	-	-	-	55,000.00	-	-	55,000.00	-	-	-	55,000.00	300.00	39,898.00	40,198.00
		978,294.66	94,510.00	-	3,416,109.85	-	4,488,914.51	4,768,152.00	105,267.80	125,675.92	91,814.04	- 636,772.79	34,777.54	4,488,914.51	716,064.44	3,222,062.66	3,938,127.10
Roads																	
W4Q - Round 4																	
006975	W4Q4 Wondai CBD Scott Street	200,000.00	694,617.12	-	700,000.00	-	1,594,617.12	700,000.00	-	-	1,294,617.12	-	- 400,000.00	1,594,617.12	539,476.89	1,366,048.35	1,905,525.24
		200,000.00	694,617.12	-	700,000.00	-	1,594,617.12	700,000.00	-	-	1,294,617.12	-	- 400,000.00	1,594,617.12	539,476.89	1,366,048.35	1,905,525.24
Bridges																	
006538	Murgon-CherbourgRd-SawpitCkBridge-Guard	-	10,000.00	-	-	-	10,000.00	104,736.00	-	-	-	- 94,736.00	-	10,000.00	-	8,839.00	8,839.00
006540	Cushnie-HomecreekLoopRd-TimberBridge	-	12,278.98	-	37,721.02	-	50,000.00	773,680.00	-	-	-	- 723,680.00	-	50,000.00	-	53,920.15	53,920.15

Project Code	Project Description	Depreciation	Restricted Cash	Proceeds from Sale of Fleet	Grant Funding	Developer Contribution	Total Budgeted Revenue	2023/2024 Adopted Budget	2022/2023 Continued Projects	First Quarter Budget Adjustments	Second Quarter Budget Adjustments	Third Quarter Budget Adjustments	Fourth Quarter Budget Adjustments	Total Available Budget	Commitments	2023/2024 Actual Expenditure	2023/2024 Actual Expenditure & Commitments
		-	22,278.98	-	37,721.02	-	60,000.00	878,416.00	-	-	-	- 818,416.00	-	60,000.00	-	62,759.15	62,759.15
KTP																	
005284	Kingaroy-Transformation Project	-	149,864.75	-	69,284.03	-	219,148.78	-	219,148.78	-	-	-	-	219,148.78	-	-	-
006211	KTP-Alford St (Youngman-GlendonSt) Works	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,627.59	1,627.59
006212	KTP-Alford St(GlendonSt-KingaroySt)Works	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,107.52	48,107.52
006213	KTP-Kingaroy St(AlfordSt-HalySt)Works	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8,623.36	8,623.36
006214	KTP-Haly St(KingaroySt-GlendonSt)Works	-	-	-	-	-	-	-	-	-	-	-	-	-	1,595.00	27,909.74	29,504.74
006215	KTP-Haly St(GlendonSt-YoungmanSt)Works	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8,447.39	8,447.39
006216	KTP-Glendon St(AlfordSt-HalySt)Works	-	-	-	-	-	-	-	-	-	-	-	-	-	-	114,398.17	114,398.17
		-	149,864.75	-	69,284.03	-	219,148.78	-	219,148.78	-	-	-	-	219,148.78	1,595.00	209,113.77	210,708.77
Grav Resheet																	
006907	Benarkin-Staines Rd-GR	400,000.00	-	-	-	-	400,000.00	350,000.00	-	-	-	50,000.00	-	400,000.00	93,534.09	254,650.39	348,184.48
006908	Booie-Nystrom Rd-GR	50,000.00	-	-	-	-	50,000.00	50,000.00	-	-	-	-	-	50,000.00	-	71,467.13	71,467.13
006939	Wooroolin-Denmark Rd-SR	65,000.00	-	-	-	-	65,000.00	91,839.00	-	- 26,839.00	-	-	-	65,000.00	-	34,998.52	34,998.52
006940	Crawford-Liesegangs Rd-SR	65,000.00	-	-	-	-	65,000.00	86,210.00	-	- 21,210.00	-	-	-	65,000.00	-	69,653.65	69,653.65
006941	Ellesmere-Parker Rd-SR	-	-	-	-	-	-	64,159.00	-	- 64,159.00	-	-	-	-	-	-	-
006942	Benair-Reedy Creek Rd-SR	100,000.00	-	-	-	-	100,000.00	91,317.00	-	8,683.00	-	-	-	100,000.00	-	81,691.64	81,691.64
006943	Memerambi-Couchmans Rd-SR	270,000.00	-	-	-	-	270,000.00	166,475.00	-	103,525.00	-	-	-	270,000.00	-	282,880.93	282,880.93
006977	Gravel Resheeting Program 2024	50,000.00	-	-	-	-	50,000.00	100,000.00	-	-	-	- 50,000.00	-	50,000.00	-	-	-
		1,000,000.00	-	-	-	-	1,000,000.00	1,000,000.00	-	-	-	-	-	1,000,000.00	93,534.09	795,342.26	888,876.35
Pavement Rehab																	
005479	Niagara Road (Wind Farm)	-	-	-	-	90,000.00	90,000.00	-	-	-	90,000.00	-	-	90,000.00	71,593.48	99,550.80	171,144.28
006188	Kingaroy/Wondai-BunyaHwyMedianUpgrade	-	11,623.47	-	-	-	11,623.47	-	11,623.47	-	-	-	-	11,623.47	-	- 34,526.39	- 34,526.39
006674	TIDS-Corndale-Corndale Rd-Widening	64,778.00	47,888.99	-	74,778.00	-	187,444.99	119,556.00	47,888.99	20,000.00	-	-	-	187,444.99	-	188,485.51	188,485.51
006675	TIDS-Nanango CBD-Disabled Parking Bays	-	7,424.70	-	-	-	7,424.70	-	7,424.70	-	-	-	-	7,424.70	-	3,899.66	3,899.66
006970	RTR-Tingoora Chelmsford Rd-Pavement Reha	-	-	-	1,139,573.00	-	1,139,573.00	1,930,000.00	-	-	-	-	- 790,427.00	1,139,573.00	1,392,747.57	405,552.88	1,798,300.45
006978	Major Mechanical Repairs Sealed Roads	800,000.00	-	-	-	-	800,000.00	1,000,000.00	-	-	- 200,000.00	-	-	800,000.00	82,630.90	707,236.43	789,867.33
007004	Wondai Roundabout	-	-	-	403,564.00	-	403,564.00	800,000.00	19,617.12	-	53,946.88	-	- 470,000.00	403,564.00	159,102.96	249,051.16	408,154.12
		864,778.00	66,937.16	-	1,617,915.00	90,000.00	2,639,630.16	3,849,556.00	86,554.28	20,000.00	- 56,053.12	-	- 1,260,427.00	2,639,630.16	1,706,074.91	1,619,250.05	3,325,324.96
Footpaths & Cycleway																	
006567	LRCI-Blackbutt CBD Footpath	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,748.00	2,748.00
006739	Nanango-Drayton St-Footpath	-	100,000.00	-	-	-	100,000.00	100,000.00	-	-	-	-	-	100,000.00	52,742.00	-	52,742.00
006944	TIDS-Kingaroy-Tessmanns Rd-Footpath	96,328.00	-	-	31,810.00	-	128,138.00	128,138.00	-	-	-	-	-	128,138.00	-	178,854.66	178,854.66
006945	TIDS-Wooroolin State School-Footpath	25,000.00	-	-	25,000.00	-	50,000.00	50,000.00	-	-	-	-	-	50,000.00	-	64,449.93	64,449.93
006948	STIP-St Marys-Kent St-Footpath	62,667.30	-	-	63,138.84	-	125,806.14	157,410.00	-	-	-	-	- 31,603.86	125,806.14	-	125,806.14	125,806.14
006949	STIP-Murgon-State&HighSchools-Footpath	39,484.98	-	-	39,397.43	-	78,882.41	99,110.00	-	-	-	-	- 20,227.59	78,882.41	-	78,882.41	78,882.41
006950	STIP-MurgonStateHighSchool-Parking	138,763.09	-	-	139,320.37	-	278,083.46	472,054.00	-	-	-	-	- 193,970.54	278,083.46	-	281,377.50	281,377.50
006951	STIP-Kingaroy-State/HighSchool-Park&Ped	61,632.57	-	-	41,903.33	-	103,535.90	143,308.00	-	-	-	-	- 39,772.10	103,535.90	-	103,535.90	103,535.90
		423,875.94	100,000.00	-	340,569.97	-	864,445.91	1,150,020.00	-	-	-	-	- 285,574.09	864,445.91	52,742.00	835,654.54	888,396.54
Pedestrian Crossing																	
006946	STIP-Murgon State School-CrossingUpgrade	5,000.00	-	-	116,000.00	-	121,000.00	116,000.00	-	-	-	-	5,000.00	121,000.00	-	120,948.19	120,948.19
		5,000.00	-	-	116,000.00	-	121,000.00	116,000.00	-	-	-	-	5,000.00	121,000.00	-	120,948.19	120,948.19
Concrete Medians																	
006947	STIP-KSS/KSHS Markwell St-BusInterchange	204,900.00	-	-	110,000.00	-	314,900.00	218,900.00	-	-	-	-	96,000.00	314,900.00	-	311,446.42	311,446.42
		204,900.00	-	-	110,000.00	-	314,900.00	218,900.00	-	-	-	-	96,000.00	314,900.00	-	311,446.42	311,446.42
Bitumen Resealing																	
005855	Bitumen Sealing Various Roads	-	-	-	-	-	-	-	303,789.92	-	- 303,789.92	-	-	-	-	-	-
006686	RTR-Kingaroy-George St-Reseal	-	28,789.92	-	-	-	28,789.92	-	-	-	28,789.92	-	-	28,789.92	-	28,864.82	28,864.82
006704	RTR-Chelmsford-Flats Rd-Reseal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,079.50	1,079.50
006706	RTR-Nanango-Hicken Way-Reseal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	616.21	616.21
006716	LRCI-Wondai-Edward St-Reseal	-	-	-	2,642.72	-	2,642.72	-	2,642.72	-	-	-	-	2,642.72	-	1,359.80	1,359.80
006717	LRCI-Kingaroy-First Ave-Reseal	-	-	-	297,961.83	-	297,961.83	-	297,961.83	-	-	-	-	297,961.83	-	293,448.21	293,448.21
006719	LRCI-Kingaroy-Haly St-Reseal	-	-	-	121,000.00	-	121,000.00	-	121,000.00	-	-	-	-	121,000.00	-	86,549.80	86,549.80
006721	LRCI-Kingaory-River Rd-Reseal	-	-	-	183,000.00	-	183,000.00	-	183,000.00	-	-	-	-	183,000.00	-	170,978.67	170,978.67
006722	LRCI-Runnymede-Runnymede Rd-Reseal	-	-	-	169,000.00	-	169,000.00	-	169,000.00	-	-	-	-	169,000.00	-	135,284.10	135,284.10
006725	LRCI-Taromeo-Old Esk Rd-Reseal	-	-	-	120,000.00	-	120,000.00	-	120,000.00	-	-	-	-	120,000.00	-	91,174.24	91,174.24
006727	LRCI-Tingoora-Tingoora Chelmsford Rd-Res	-	-	-	5,000.00	-	5,000.00	-	5,000.00	-	-	-	-	5,000.00	-	5,628.21	5,628.21
006953	Nanango-Bushnells Rd-Reseal	27,023.49	-	-	27,023.50	-	54,046.99	50,400.00	-	-	-	-	3,646.99	54,046.99	-	54,046.99	54,046.99
006954	Warmung-Friebergs Rd-Reseal	105,840.00	-	-	-	-	105,840.00	105,840.00	-	-	-	-	-	105,840.00	-	69,431.58	69,431.58
006955	Booie-Gatto Rd-Reseal	25,200.00	-	-	-	-	25,200.00	25,200.00	-	-	-	-	-	25,200.00	-	26,769.30	26,769.30
006956	Brooklands-Kumbia Rd-Reseal	42,570.00	-	-	-	-	42,570.00	42,570.00	-	-	-	-	-	42,570.00	-	44,865.68	44,865.68
006957	Booie-MaCauley Dr-Reseal	119,700.00	-	-	-	-	119,700.00	119,700.00	-	-	-	-	-	119,700.00	-	91,033.72	91,033.72
006958	Kingaroy-MacDiarmid St-Reseal	32,832.00	-	-	-	-	32,832.00	32,832.00	-	-	-	-	-	32,832.00	-	32,539.57	32,539.57
006959	Mondure-McConnel Way-Reseal	28,800.00	-	-	-	-	28,800.00	28,800.00	-	-	-	-	-	28,800.00	-	34,268.64	34,268.64
006960	Wattlecamp-MemerambiBarkersCreekRd-Resea	84,900.00	-	-	-	-	84,900.00	84,900.00	-	-	-	-	-	84,900.00	-	72,784.14	72,784.14
006961	TIDS-Silverleaf-MondureWheatlands-Reseal	76,874.61	-	-	76,874.62	-	153,749.23	340,480.00	-	-	-	-	- 186,730.77	153,749.23	-	153,749.23	153,749.23
006962	Byee-Silverleaf Rd-Reseal	429,120.00	-	-	-	-	429,120.00	429,120.00	-	-	-	-	-	429,120.00	-	304,616.84	304,616.84
006963	TIDS-Haly Creek-Stuart Valley Dr-Reseal	121,383.19	-	-	121,383.19	-	242,766.38	339,840.00	-	-	-	-	- 97,073.62	242,766.38	-	242,766.38	242,766.38
006964	Charlestown-Transmitter Rd-Reseal	238,960.00	-	-	-	-	238,960.00	238,960.00	-	-	-	-	-	238,960.00	275,927.15	124,406.30	400,333.45
006965	Wooroolin-Wellers Rd-Reseal	120,900.00	-	-	-	-	120,900.00	120,900.00	-	-	-	-	-	120,900.00	-	76,863.32	76,863.32
006966	Booie-Darcie St-Reseal	80,280.00	-	-	-	-	80,280.00	80,280.00	-	-	-	-	-	80,280.00	-	46,113.53	46,113.53
006967	Booie-Brittany Court-Reseal	30,089.00	-	-	-	-	30,089.00	30,089.00	-	-	-	-	-	30,089.00	-	15,128.63	15,128.63
006968	Booie-Tidar Ct-Reseal	30,089.00	-	-	-	-	30,089.00	30,089.00	-	-	-	-	-	30,089.00	-	17,102.88	17,102.88
007029	Sliverleaft-Campbells Rd-Reseal	79,697.48	-	-	-	-	79,697.48	-	-	-	-	-	79,697.48	79,697.48	-	79,697.48	79,697.48
		1,674,258.77	28,789.92	-	1,123,885.86	-	2,826,934.55	2,100,000.00	1,202,394.47	-	- 275,000.00	-	- 200,459.92	2,826,934.55	275,927.15	2,301,167.77	2,577,094.92
General																	
006556	Blackspot-Glendon/MarkwellSt-SafetyUpgra	-	-	-	-	-	-	-	25,000.00	-	-	-	- 25,000.00	-	-	-	-
006682	Advanced Design 22/23	-	113,958.79	-	-	-	113,958.79	-	113,958.79	-	-	-	-	113,958.79	-	6,824.53	6,824.53
006733	Kingaroy-Birt Rd-Dust Suppression Trial	-	194,114.15	-	-	-	194,114.15	-	194,114.15	-	-	-	-	194,114.15	14,852.72	126,180.94	141,033.66
006969	Advanced Design 23/24	250,000.00	-	-	-	-	250,000.00	250,000.00	-	-	-	-	-	250,000.00	63,173.58	294,758.35	357,931.93

Project Code	Project Description	Depreciation	Restricted Cash	Proceeds from Sale of Fleet	Grant Funding	Developer Contribution	Total Budgeted Revenue	2023/2024 Adopted Budget	2022/2023 Continued Projects	First Quarter Budget Adjustments	Second Quarter Budget Adjustments	Third Quarter Budget Adjustments	Fourth Quarter Budget Adjustments	Total Available Budget	Commitments	2023/2024 Actual Expenditure	2023/2024 Actual Expenditure & Commitments
006979	Unallocated Renewal Funds	18,500.00	-	-	-	-	18,500.00	178,500.00	-	- 160,000.00	-	-	-	18,500.00	-	-	-
007001	Blackspot-Appin St/Cairns St-Intersectio	-	-	-	-	-	-	-	-	-	247,500.00	- 247,500.00	-	-	14,842.73	48,589.20	63,431.93
007011	McCauley Weir Road Reopening and Signage	90,000.00	-	-	-	-	90,000.00	-	-	90,000.00	-	-	-	90,000.00	-	135,019.00	135,019.00
007012	Minmore Road Sealing	50,000.00	-	-	-	-	50,000.00	-	-	50,000.00	-	-	-	50,000.00	-	28,450.00	28,450.00
		408,500.00	**308,072.94**	**-**	**-**	**-**	**716,572.94**	**428,500.00**	**333,072.94**	**- 20,000.00**	**247,500.00**	**- 247,500.00**	**- 25,000.00**	**716,572.94**	**92,869.03**	**639,822.02**	**732,691.05**
Urban Drainage																	
006735	Kingaroy-Leopard Court-Drainage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.00	22.00
006741	Kingaroy-Moonya St-Drainage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,771.62	1,771.62
006805	North Street Kerb & Channelling	88,042.16	-	-	-	-	88,042.16	121,500.00	-	-	-	-	- 33,457.84	88,042.16	-	88,042.16	88,042.16
		88,042.16	**-**	**-**	**-**	**-**	**88,042.16**	**121,500.00**	**-**	**-**	**-**	**-**	**- 33,457.84**	**88,042.16**	**-**	**89,835.78**	**89,835.78**
FD & Complimentary																	
006736	Flood Damage - Council Betterment	-	718,753.58	-	-	-	718,753.58	2,000,000.00	-	- 26,716.91	- 200,000.00	- 1,054,529.51	-	718,753.58	-	-	-
006813	EV03 Betterment Mondure Crossing Road	-	11,216.01	-	62,024.34	-	73,240.35	-	-	-	-	73,240.35	-	73,240.35	16,636.23	38,191.42	54,827.65
006843	EV04 Betterment Mercer Springate Road	-	786.83	-	7,081.46	-	7,868.29	-	-	-	-	7,868.29	-	7,868.29	-	33,794.94	33,794.94
006844	EV01 Betterment Dip Road	-	4,666.10	-	41,994.89	-	46,660.99	-	-	-	-	46,660.99	-	46,660.99	-	65,236.25	65,236.25
006984	EV03 Betterment Williams Road	-	1,278.50	-	11,710.56	-	12,989.06	-	-	-	-	12,989.06	-	12,989.06	-	33,968.48	33,968.48
006986	Couchmans Road Comp Pavement repair	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18,763.34	18,763.34
006997	River Road Pavement repair Comp works	-	-	-	-	-	-	-	-	-	-	-	-	-	1,700.00	29,960.00	31,660.00
007000	Ryan Reagon Rd Comp Works gravel resheet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,161.53	5,161.53
007002	Maidenwell Glencliffe Rd-Comp Grav Reshe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67,300.11	67,300.11
007013	Freemans Lane Kingaroy Concrete Pavement	-	200,000.00	-	-	-	200,000.00	-	-	-	200,000.00	-	-	200,000.00	-	148,956.48	148,956.48
007016	EV01 Betterment Flagstone Creek Road	-	576.26	-	5,186.34	-	5,762.60	-	-	-	-	5,762.60	-	5,762.60	-	15,958.62	15,958.62
007018	East Nanango Road Comp Works seal works	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14,150.40	14,150.40
007034	O'Dea Road Comp drainage works	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,338.76	2,338.76
007041	EV01 Betterment Finnemores Road	-	2,460.00	-	3,434.06	-	5,894.06	-	-	-	-	5,894.06	-	5,894.06	56,529.90	699.72	57,229.62
007042	EV01 Betterment Greenview Road	-	225.00	-	4,007.04	-	4,232.04	-	-	-	-	4,232.04	-	4,232.04	2,549.65	823.71	3,373.36
007043	EV01 Betterment Hoggs Road	-	2,170.00	-	3,427.03	-	5,597.03	-	-	-	-	5,597.03	-	5,597.03	3,999.05	627.71	4,626.76
007044	EV01 Betterment Ironpot Road	-	185.00	-	3,465.07	-	3,650.07	-	-	-	-	3,650.07	-	3,650.07	6,019.73	3,984.77	10,004.50
007045	EV01 Betterment Jerrards Road	-	4,780.00	-	24,889.07	-	29,669.07	-	-	-	-	29,669.07	-	29,669.07	19,656.67	26,627.71	46,284.38
007046	EV01 Betterment Kings Bridge Road	-	1,020.00	-	19,137.04	-	20,157.04	-	-	-	-	20,157.04	-	20,157.04	16,130.53	10,748.71	26,879.24
007047	EV01 Betterment Lamperds Road	-	135.00	-	2,523.62	-	2,658.62	-	-	-	-	2,658.62	-	2,658.62	5,829.29	973.71	6,803.00
007048	EV01 Betterment M'Well Upper Yarraman Rd	-	105.00	-	1,823.10	-	1,928.10	-	-	-	-	1,928.10	-	1,928.10	3,120.95	3,561.72	6,682.67
007049	EV01 Betterment Manumbar Road	-	200.00	-	3,754.45	-	3,954.45	-	-	-	-	3,954.45	-	3,954.45	6,210.15	1,045.69	7,255.84
007050	EV01 Betterment Nords Road	-	590.00	-	10,184.56	-	10,774.56	-	-	-	-	10,774.56	-	10,774.56	5,892.77	4,240.71	10,133.48
007051	EV01 Betterment Old Wondai Road	-	3,330.00	-	5,148.90	-	8,478.90	-	-	-	-	8,478.90	-	8,478.90	6,019.73	1,009.71	7,029.44
007052	EV01 Betterment Parkers Road	-	310.00	-	1,364.69	-	1,674.69	-	-	-	-	1,674.69	-	1,674.69	5,829.30	973.72	6,803.02
007053	EV01 Betterment Pedersens Road	-	700.00	-	13,181.42	-	13,881.42	-	-	-	-	13,881.42	-	13,881.42	6,654.50	1,504.71	8,159.21
007054	EV01 Betterment Recreation Drive	-	90.00	-	1,640.52	-	1,730.52	-	-	-	-	1,730.52	-	1,730.52	5,702.33	1,324.71	7,027.04
007055	EV01 Betterment Smiths Road Inverlaw	-	1,700.00	-	4,657.58	-	6,357.58	-	-	-	-	6,357.58	-	6,357.58	4,189.47	663.70	4,853.17
007056	EV01 Betterment Trentham Lane	-	465.00	-	8,569.65	-	9,034.65	-	-	-	-	9,034.65	-	9,034.65	5,797.55	5,903.79	11,701.34
007057	EV01 Betterment Trouts Road	-	2,040.00	-	1,684.44	-	3,724.44	-	-	-	-	3,724.44	-	3,724.44	5,511.91	1,288.70	6,800.61
007058	EV03 Betterment Arthur Street East	-	797.66	-	4,411.02	-	5,208.68	-	-	-	-	5,208.68	-	5,208.68	4,173.60	6,537.77	10,711.37
007059	EV03 Betterment Nords Road	-	1,787.05	-	9,882.37	-	11,669.42	-	-	-	-	11,669.42	-	11,669.42	11,722.06	4,222.70	15,944.76
007060	EV03 Betterment Tim Dwyer Road	-	956.50	-	5,289.42	-	6,245.92	-	-	-	-	6,245.92	-	6,245.92	8,691.03	9,274.78	17,965.81
007061	EV03 Betterment Weeks Road	-	2,664.47	-	14,734.47	-	17,398.94	-	-	-	-	17,398.94	-	17,398.94	9,177.70	13,235.76	22,413.46
007062	EV04 Betterment Manar Road	-	7,319.45	-	12,872.28	-	20,191.73	-	-	-	-	20,191.73	-	20,191.73	11,484.02	13,513.79	24,997.81
007063	EV04 Betterment Magee Road	-	445.92	-	8,472.48	-	8,918.40	-	-	-	-	8,918.40	-	8,918.40	8,691.04	9,274.77	17,965.81
007064	EV04 Betterment Walkers Road	-	788.95	-	14,990.02	-	15,778.97	-	-	-	-	15,778.97	-	15,778.97	6,352.98	8,523.77	14,876.75
007065	EV04 Betterment Kearneys Road	-	11.64	-	221.15	-	232.79	-	-	-	-	232.79	-	232.79	5,564.81	9,041.76	14,606.57
007066	EV04 Betterment Hodges Road	-	346.95	-	6,592.02	-	6,938.97	-	-	-	-	6,938.97	-	6,938.97	5,374.37	8,739.72	14,114.09
007067	EV04 Betterment Goldsworthy Road	-	382.22	-	7,262.19	-	7,644.41	-	-	-	-	7,644.41	-	7,644.41	5,781.68	7,255.85	13,037.53
007068	Paines Road Comp Works Gravel Resheet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60,536.45	60,536.45
007073	Eisenmengers Road Comp Gravel resheet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,178.35	3,178.35
007074	Tingoora Cemetery Rd Comp Gravel Resheet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,299.29	4,299.29
		-	**973,283.09**	**-**	**325,617.25**	**-**	**1,298,900.34**	**2,000,000.00**	**-**	**- 26,716.91**	**-**	**- 674,382.75**	**-**	**1,298,900.34**	**260,993.00**	**697,418.29**	**958,411.29**
CAP-QRA-DRFA																	
007078	CAP - QRA - DRFA - Flood Recovery Works	-	-	-	-	-	-	-	-	-	-	-	-	-	-	846,224.31	846,224.31
		-	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**846,224.31**	**846,224.31**
		4,869,354.87	**2,343,843.96**	**-**	**4,440,993.13**	**90,000.00**	**11,744,191.96**	**12,562,892.00**	**1,841,170.47**	**- 26,716.91**	**1,211,064.00**	**- 1,740,298.75**	**- 2,103,918.85**	**11,744,191.96**	**3,023,212.07**	**9,895,030.90**	**12,918,242.97**
Water Services																	
W4Q - Round 4																	
006906	W4Q4-Kingaroy Water Security MtWooroolin	-	580,000.00	-	1,500,000.00	-	2,080,000.00	1,750,000.00	-	-	330,000.00	-	-	2,080,000.00	1,433,486.33	598,718.08	2,032,204.41
		-	**580,000.00**	**-**	**1,500,000.00**	**-**	**2,080,000.00**	**1,750,000.00**	**-**	**-**	**330,000.00**	**-**	**-**	**2,080,000.00**	**1,433,486.33**	**598,718.08**	**2,032,204.41**
Water - General Oper																	
006503	S1 & S2 - PC, SCADA &Telemetry WATER	-	183,332.00	-	-	-	183,332.00	183,332.00	-	-	-	-	-	183,332.00	15,079.88	159,823.00	174,902.88
006898	S3 - PC, SCADA & Telemetry WATER	17,500.00	-	-	-	-	17,500.00	175,000.00	-	-	- 157,500.00	-	-	17,500.00	-	-	-
006909	Solar panels for treatment plants	30,000.00	-	-	-	-	30,000.00	30,000.00	-	-	-	-	-	30,000.00	21,750.00	-	21,750.00
		47,500.00	**183,332.00**	**-**	**-**	**-**	**230,832.00**	**388,332.00**	**-**	**-**	**- 157,500.00**	**-**	**-**	**230,832.00**	**36,829.88**	**159,823.00**	**196,652.88**
Water - Blackbutt																	
006788	Blackbutt HL PS Switchboard renewal +	17,500.00	-	-	-	-	17,500.00	175,000.00	-	-	- 157,500.00	-	-	17,500.00	-	-	-
006899	Blackbutt WTP Switchboard Renewal & PC/S	40,000.00	-	-	-	-	40,000.00	400,000.00	-	-	- 360,000.00	-	-	40,000.00	-	-	-
		57,500.00	**-**	**-**	**-**	**-**	**57,500.00**	**575,000.00**	**-**	**-**	**- 517,500.00**	**-**	**-**	**57,500.00**	**-**	**-**	**-**
Water - Kingaroy																	
005547	Gordonbrook WTP - Post Con Contract Work	-	450,000.00	-	-	-	450,000.00	-	-	-	-	450,000.00	-	450,000.00	180,912.61	450,661.06	631,573.67
006516	Gordonbrook Off Stream Storage Design	-	278,721.00	-	290,000.00	-	568,721.00	278,721.00	-	290,000.00	-	-	-	568,721.00	10,233.52	331,760.11	341,993.63
006517	Water Meter Replacement Program - 21/22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,989.66	3,989.66
006566	Gordonbrook Dam Emergency Repairs 2021	-	80,000.00	-	-	-	80,000.00	-	-	-	80,000.00	-	-	80,000.00	-	-	-
006596	Gordonbrook Hydrological Modelling	-	88,196.20	-	-	-	88,196.20	-	88,196.20	-	-	-	-	88,196.20	31,371.39	36,507.53	67,878.92
006783	Gordonbrook Dam Spillway AFC D&C	-	-	-	-	-	-	800,000.00	-	-	-	- 800,000.00	-	-	-	-	-
006787	Kingaroy Water Security Trunk Infra Upgr	-	244,125.00	-	-	-	244,125.00	244,125.00	-	-	-	-	-	244,125.00	7,182.29	69,206.22	76,388.51

Project Code	Project Description	Depreciation	Restricted Cash	Proceeds from Sale of Fleet	Grant Funding	Developer Contribution	Total Budgeted Revenue	2023/2024 Adopted Budget	2022/2023 Continued Projects	First Quarter Budget Adjustments	Second Quarter Budget Adjustments	Third Quarter Budget Adjustments	Fourth Quarter Budget Adjustments	Total Available Budget	Commitments	2023/2024 Actual Expenditure	2023/2024 Actual Expenditure & Commitments
006882	WMR Markwell St Kingaroy	98,000.00	-	-	-	-	98,000.00	98,000.00	-	-	-	-	-	98,000.00	-	115,867.66	115,867.66
006900	WMR Alford St Kingaroy (William-Burnett)	133,000.00	-	-	-	-	133,000.00	133,000.00	-	-	-	-	-	133,000.00	-	55,260.16	55,260.16
006901	WMR Glendon St Kingaroy(Alford-Markwell)	78,400.00	-	-	-	-	78,400.00	78,400.00	-	-	-	-	-	78,400.00	-	46,838.56	46,838.56
006902	Driveln W/Main Bunya Hwy Joint Replaceme	-	-	-	-	-	-	100,000.00	-	-	-	- 100,000.00	-	-	-	-	-
006976	Jubilee St Kingaroy (End to IanSt)	30,000.00	-	-	-	-	30,000.00	30,000.00	-	-	-	-	-	30,000.00	-	18,237.99	18,237.99
		339,400.00	**1,141,042.20**	**-**	**290,000.00**	**-**	**1,770,442.20**	**1,762,246.00**	**88,196.20**	**290,000.00**	**80,000.00**	**- 450,000.00**	**-**	**1,770,442.20**	**229,699.81**	**1,128,328.95**	**1,358,028.76**
Water - Nanango																	
006657	WMR Dalby St Nanango (Gipps-ChesterSt)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,502.93	2,502.93
006785	Nanango WTP & Bores A, B, C , etc	-	38,711.33	-	-	-	38,711.33	340,000.00	38,711.33	-	- 340,000.00	-	-	38,711.33	-	-	-
		-	**38,711.33**	**-**	**-**	**-**	**38,711.33**	**340,000.00**	**38,711.33**	**-**	**- 340,000.00**	**-**	**-**	**38,711.33**	**-**	**2,502.93**	**2,502.93**
Water - Proston																	
006658	WMR Blake St, Proston (Drake-RodneySt)	-	90,916.64	-	-	-	90,916.64	-	99,369.22	-	-	- 8,452.58	-	90,916.64	-	91,717.10	91,717.10
		-	**90,916.64**	**-**	**-**	**-**	**90,916.64**	**-**	**99,369.22**	**-**	**-**	**- 8,452.58**	**-**	**90,916.64**	**-**	**91,717.10**	**91,717.10**
Water - Wondai																	
006659	WMR Mackenzie St, Wondai (Osborne-EndSt)	84,288.97	-	-	-	-	84,288.97	208,574.00	-	-	- 50,000.00	- 74,285.03	-	84,288.97	-	84,288.97	84,288.97
006660	WMR Mackenzie St, Wondai (Osborne-Scott)	105,474.58	-	-	-	-	105,474.58	138,116.00	-	-	- 30,000.00	- 2,641.42	-	105,474.58	-	105,474.58	105,474.58
006661	WMR Cadell St, Wondai (Scott - Kent St)	-	103,033.18	-	-	-	103,033.18	-	234,392.67	-	-	- 131,359.49	-	103,033.18	-	103,455.00	103,455.00
006881	Media Replacement Wondai	140,000.00	-	-	-	-	140,000.00	140,000.00	-	-	-	-	-	140,000.00	-	22,060.00	22,060.00
		329,763.55	**103,033.18**	**-**	**-**	**-**	**432,796.73**	**486,690.00**	**234,392.67**	**-**	**- 80,000.00**	**- 208,285.94**	**-**	**432,796.73**	**-**	**315,278.55**	**315,278.55**
		774,163.55	**2,137,035.35**	**-**	**1,790,000.00**	**-**	**4,701,198.90**	**5,302,268.00**	**460,669.42**	**290,000.00**	**- 685,000.00**	**- 666,738.52**	**-**	**4,701,198.90**	**1,700,016.02**	**2,296,368.61**	**3,996,384.63**
Wastewater Services																	
Wastewater - General																	
006641	S2- PC, SCADA &Telemetry WASTEWATER	-	166,747.00	-	-	-	166,747.00	166,747.00	-	-	-	-	-	166,747.00	-	141,380.00	141,380.00
006903	S3- PC, SCADA &Telemetry WASTEWATER	17,500.00	-	-	-	-	17,500.00	175,000.00	-	-	- 157,500.00	-	-	17,500.00	-	-	-
006904	Regional Sewer Relining	1,600,000.00	-	-	-	-	1,600,000.00	1,600,000.00	-	-	-	-	-	1,600,000.00	637,290.50	411,607.09	1,048,897.59
		1,617,500.00	**166,747.00**	**-**	**-**	**-**	**1,784,247.00**	**1,941,747.00**	**-**	**-**	**- 157,500.00**	**-**	**-**	**1,784,247.00**	**637,290.50**	**552,987.09**	**1,190,277.59**
Wastewater - Kingaro																	
006905	Kingaroy SPS2 Tessmanns Rd Switchboard	17,500.00	-	-	-	-	17,500.00	175,000.00	-	-	- 157,500.00	-	-	17,500.00	2,001.57	2,518.44	4,520.01
		17,500.00	**-**	**-**	**-**	**-**	**17,500.00**	**175,000.00**	**-**	**-**	**- 157,500.00**	**-**	**-**	**17,500.00**	**2,001.57**	**2,518.44**	**4,520.01**
Wastewater - Nanango																	
006793	Nanango SPS2 Switchboard renewal, etc.	21,000.00	-	-	-	-	21,000.00	210,000.00	-	-	- 189,000.00	-	-	21,000.00	2,001.55	2,518.42	4,519.97
006794	Nanango SPS3 Switchboard renewal, etc.	14,000.00	-	-	-	-	14,000.00	140,000.00	-	-	- 126,000.00	-	-	14,000.00	2,001.58	2,518.44	4,520.02
		35,000.00	**-**	**-**	**-**	**-**	**35,000.00**	**350,000.00**	**-**	**-**	**- 315,000.00**	**-**	**-**	**35,000.00**	**4,003.13**	**5,036.86**	**9,039.99**
CED - Proston																	
006510	BDWW-WWTP1 SB Renewal	-	16,500.00	-	-	-	16,500.00	-	-	-	16,500.00	-	-	16,500.00	-	16,381.97	16,381.97
006796	Proston CED Pump Station Replace & Renew	21,000.00	-	-	-	-	21,000.00	210,000.00	-	-	- 189,000.00	-	-	21,000.00	2,001.55	2,518.45	4,520.00
		21,000.00	**16,500.00**	**-**	**-**	**-**	**37,500.00**	**210,000.00**	**-**	**-**	**- 172,500.00**	**-**	**-**	**37,500.00**	**2,001.55**	**18,900.42**	**20,901.97**
		1,691,000.00	**183,247.00**	**-**	**-**	**-**	**1,874,247.00**	**2,676,747.00**	**-**	**-**	**- 802,500.00**	**-**	**-**	**1,874,247.00**	**645,296.75**	**579,442.81**	**1,224,739.56**
Waste																	
Waste Management - R																	
006607	New Maidenwell Transfer Station	-	184,601.07	-	-	-	184,601.07	250,000.00	54,601.07	330,000.00	-	- 450,000.00	-	184,601.07	17,720.11	97,148.43	114,868.54
006780	Nanango Weighbridge & Transfer Station	-	202,720.00	-	304,080.00	-	506,800.00	303,780.00	303,020.00	-	-	- 100,000.00	-	506,800.00	111,959.59	259,246.94	371,206.53
006845	Purchase of new SBRC Skip Bins	-	28,350.00	-	-	-	28,350.00	-	-	-	28,350.00	-	-	28,350.00	28,350.00	28,350.00	56,700.00
006989	Wondai Weighbridge	-	202,634.25	-	337,723.75	-	540,358.00	-	-	590,358.00	-	- 50,000.00	-	540,358.00	321,050.09	221,501.05	542,551.14
006990	Future Landfill Disposal - Feasibility	-	60,000.00	-	-	-	60,000.00	-	-	100,000.00	-	- 40,000.00	-	60,000.00	-	54,560.00	54,560.00
007085	Murgon Weighbridge_Portable	-	210,000.00	-	-	-	210,000.00	-	-	-	-	-	210,000.00	210,000.00	2,281.82	117,718.18	120,000.00
		-	**888,305.32**	**-**	**641,803.75**	**-**	**1,530,109.07**	**553,780.00**	**357,621.07**	**1,020,358.00**	**28,350.00**	**- 640,000.00**	**210,000.00**	**1,530,109.07**	**481,361.61**	**778,524.60**	**1,259,886.21**
		-	**888,305.32**	**-**	**641,803.75**	**-**	**1,530,109.07**	**553,780.00**	**357,621.07**	**1,020,358.00**	**28,350.00**	**- 640,000.00**	**210,000.00**	**1,530,109.07**	**481,361.61**	**778,524.60**	**1,259,886.21**
		11,541,162.25	**12,390,998.92**	**415,000.00**	**10,962,513.19**	**90,000.00**	**35,399,674.36**	**33,353,819.00**	**7,703,040.40**	**1,815,912.68**	**- 869,629.52**	**- 4,497,326.89**	**- 2,106,141.31**	**35,399,674.36**	**12,041,857.90**	**22,445,459.21**	**34,487,317.11**

Grants Inwards Listing 2023/24

as at 30/6/2024

Grant Project Name	Grant ID	Grant Name	Grant Body Name	Type	Grant Value	$ Amount Received to date	Estimated Project Cost	Amount Spent	Grant Project Completion Due Date	Grant Status	Comments
Building our Region (BoR) Rd6 Gordonbrook Dam	500275	Building Our Regions Rd 6	Dept of State Development, Infrastructure, Local Government & Planning	Capital	290,000.00	174,000.00	568,721.00	331,760.11	1/02/2024	Active	
Cycle Network Local Government Grant - Youngman St Rail Trail Kingaroy	500298	Cycle Network Local Government Grant	Department of Transport & Main Roads	Capital	50,000.00	25,000.00	100,000.00	31,849.56	30/08/2024	Active	
DTIS CRARRP Kingaroy-Murgon Rail Trail	500284	Community and Recreational Assets	Department of Tourism, Innovation & Sport	Capital	631,141.00	220,899.35	631,141.00	102,770.55	30/06/2024	Active	
Emergency Animal Response EAD	500279	Emergency Animal Disease Grant	Department of Agriculture	Operational	40,000.00	24,545.45	40,000.00	22,186.47	26/04/2024	Active	
First 5 Forever Library	500214	First 5 Forever	State Library of Queensland	Operational	23,885.00	23,885.00	23,885.00	23,885.00	30/06/2024	Active	
Get Ready Program 2023/24		Get Ready Program 23-24	Queensland Reconstruction Authority	Operational	18,420.00	16,578.00	18,420.00	18,420.00	30/06/2024	Active	
Growing Workforce Participation Fund (GWPF) Murgon Pool	500282	Growing Workforce Participation Fund (Rd 2)	Dept of Youth Justice, Employment, Small Business & Training	Operational	90,000.00	63,000.00	90,000.00	12,986.97	28/02/2025	Active	Extension to Feb 25 has been approved
Growing Workforce Participation Fund (GWPF) Wondai Pool	500281	Growing Workforce Participation Fund (Rd 2)	Dept of Youth Justice, Employment, Small Business & Training	Operational	90,000.00	63,000.00	90,000.00	83.76	28/02/2025	Active	Extension to Feb 25 has been approved
Illegal Dumping Partnership (2A, 2A Ext & 2A Ext 2)	500192/ 500233/ 500305	Local Government Illegal Dumping Partnership Program (Rd 2A)	Department of Environment & Science	Operational	264,085.00	240,085.00	264,085.00	202,485.16	17/05/2025	Active	
LGGSP Nanango Weighbridge	500204	2022-24 Local Government Grants &	Dept of State Development, Manufacturing,	Capital	364,536.00	109,360.80	607,560.00	260,006.94	30/09/2024	Active	
LGGSP Roof Replacement Blackbutt Memorial Hall	500207	2022-24 Local Government Grants &	Dept of State Development, Manufacturing,	Capital	161,001.00	48,300.30	268,335.00	181,549.33	30/06/2024	Active	
LGGSP Waste Management & Climate Change Adaptation	500206	2022-24 Local Government Grants & Subsidies Program	Dept of State Development, Manufacturing, Infrastructure & Planning	Operational	138,000.00	41,400.00	250,000.00	169,433.12	30/06/2024	Active	Project will be finalised by 30/06 - need to journal some
LGLRGP Levy Ready 22/24 - Wondai Waste Weighbridge	500278	Local Government Levy Ready Grant Program	Dept of State Development, Infrastructure, Local Government & Planning	Capital	368,973.75	110,692.13	590,358.00	221,501.05	30/06/2024	Active	
LRCI Funding - Phase 3		LRCI Phase 3	Dept of Infrastructure, Transport, Regional Development & Communications	Capital	3,288,930.00	2,960,037.00	3,288,930.00	3,288,930.00	30/06/2024	Active	All spent
LRCI Funding - Phase 4	500247	LRCI Phase 4	Dept of Infrastructure, Transport, Regional Development & Communications	Capital	2,593,029.00	1,037,212.00	2,593,029.00	978,971.57	30/06/2025	Active	
MIP Memorial Park Multi Court & Course	500263	Minor Infrastructure Program (MIP)	Dept of Tourism, Innovation & Sport	Capital	250,000.00	125,000.00	850,000.00	132,997.99	28/02/2025	Active	
Public Libraries Grant	500213	Public Libraries Grant 2022/2024	State Library of Queensland	Operational	169,157.00	169,157.00	169,157.00	169,157.00	30/06/2024	Active	Allocation spent
Qld Feral Pest Initiative (QFPI) Rd 6	500193	Qld Feral Pest Initiatve Rd 6	Dept of Agriculture & Fisheries	Operational	200,000.00	150,000.00	200,000.00	107,207.68	14/05/2024	Active	Final acquittal/report and independent audit to be
QRA DRFA - Event 1 Capital		Disaster Recovery Funding Arrangement	Queensland Reconstruction Authority	Capital		480,003.63	524,235.77	132,478.26		Active	
QRA DRFA - Event 1 Operational		Disaster Recovery Funding Arrangement	Queensland Reconstruction Authority	Operational		4,014,976.61	5,001,581.62	5,001,581.62		Active	Grant amount and amount spent will increase as more
QRA DRFA - Event 2 Operational		Disaster Recovery Funding Arrangement	Queensland Reconstruction Authority	Operational		21,058.40	151,630.82	151,630.82		Active	
QRA DRFA - Event 3 Capital		Disaster Recovery Funding Arrangement	Queensland Reconstruction Authority	Capital	1,080,521.88	324,156.56	1,344,521.73	91,143.69		Active	
QRA DRFA - Event 3 Disaster Resilience (Operational)		Disaster Recovery Funding Arrangement	Queensland Reconstruction Authority	Operational	1,000,000.00	584,924.09	1,000,000.00	608,461.85	30/09/2024	Active	
QRA DRFA - Event 3 Operational		Disaster Recovery Funding Arrangement	Queensland Reconstruction Authority	Operational		1,285,970.63	1,036,889.30	1,036,889.30		Active	
QRA DRFA - Event 4 Capital		Disaster Recovery Funding Arrangement	Queensland Reconstruction Authority	Capital	574,915.93	172,474.78	774,763.78	81,130.14		Active	
QRA DRFA - Event 4 Operational		Disaster Recovery Funding Arrangement	Queensland Reconstruction Authority	Operational		4,216,695.06	4,531,295.79	4,531,295.79		Active	
QRA DRFA - Event 5 Operational		Disaster Recovery Funding Arrangement	Queensland Reconstruction Authority	Operational		29,602,820.07	30,453,237.50	30,453,237.50		Active	
QRA DRFA Dingo Creek Carpark	500255	Disaster Recovery Funding Arrangement	Queensland Reconstruction Authority	Capital	180,260.20	162,234.18	180,260.20	184,151.18	30/06/2024	Active	
QRA DRFA Memorial Park Footbridge	500253	Disaster Recovery Funding Arrangement	Queensland Reconstruction Authority	Capital	231,030.00	77,906.71	231,030.00	132,625.70	30/06/2024	Active	
QRA DRFA Rail Trail	500254	Disaster Recovery Funding Arrangement	Queensland Reconstruction Authority	Capital	423,313.78	126,994.13	423,313.78	17,094.73	30/09/2024	Active	
RADF 23/24	500280	Regional Arts Development Fund	RADF	Operational	15,750.00	15,750.00	26,250.00	26,250.00	30/06/2024	Active	
RADF 24/26	500313	Regional Arts Development Fund	RADF	Operational	84,000.00	-	140,000.00	-	30/06/2026	Active	
RAP Rd 3 Kingaroy Airport Security Fence	500296	Regional Airports Program Rd 3	Dept of Infrastructure & Regiona Development	Capital	30,000.00	9,000.00	60,000.00	55,512.07	30/04/2025	Active	
RTR 23/24 allocation		Roads to Recovery Program	Dept of Infrastructure, Transport, Regional	Capital	1,315,573.00	1,315,573.00	1,930,000.00	405,552.88	30/06/2024	Active	Extension received from
STIP 23/24 - Kingaroy SHS (pedestrian crossings)	500236	Qld School Transport Infrastructure Program	Dept of Transport & Main Roads	Capital	58,000.00	51,767.95	143,308.00	103,535.90	30/06/2024	Active	Final claims have been processed
STIP 23/24 - Kroy SHS & Kroy SS (bus interchange)	500236	Qld School Transport Infrastructure Program	Dept of Transport & Main Roads	Capital	110,000.00	110,000.00	218,900.00	311,446.42	30/06/2024	Active	Final claims have been processed
STIP 23/24 - Murgon SHS & Murgon SS (footpath)	500236	Qld School Transport Infrastructure Program	Dept of Transport & Main Roads	Capital	49,500.00	39,441.21	99,110.00	78,882.41	30/06/2024	Active	Final claims have been processed
STIP 23/24 - Murgon SHS (formalised onstreet parking)	500236	Qld School Transport Infrastructure Program	Dept of Transport & Main Roads	Capital	236,500.00	140,688.75	472,054.00	278,083.46	30/06/2024	Active	Final claims have been processed

Grant Project Name	Grant ID	Grant Name	Grant Body Name	Type	Grant Value	$ Amount Received to date	Estimated Project Cost	Amount Spent	Grant Project Completion Due Date	Grant Status	Comments
STIP 23/24 - St Joseph & Murgon SS (pedestrian crossing upgrade)	500236	Qld School Transport Infrastructure Program	Dept of Transport & Main Roads	Capital	116,000.00	116,000.00	116,000.00	120,948.19	30/06/2024	Active	Final claims have been processed
STIP 23/24 - St Marys (footpath)	500236	Qld School Transport Infrastructure Program	Dept of Transport & Main Roads	Capital	79,000.00	62,903.07	157,410.00	125,806.14	30/06/2024	Active	Final claims have been processed
STIP 24/25 - Murgon SS	500289	Qld School Transport Infrastructure Program	Dept of Transport & Main Roads	Capital	62,000.00	31,000.00	62,000.00	-	30/06/2025	Active	
STIP 24/25 - Nanango SHS	500289	Qld School Transport Infrastructure Program	Dept of Transport & Main Roads	Capital	150,000.00	75,000.00	150,000.00	-	30/06/2025	Active	
STIP 24/25 - St Patricks School Ngo	500289	Qld School Transport Infrastructure Program	Dept of Transport & Main Roads	Capital	97,500.00	48,750.00	97,500.00	-	30/06/2025	Active	
STIP 24/25 - Tanduringie SS	500289	Qld School Transport Infrastructure Program	Dept of Transport & Main Roads	Capital	62,000.00	31,000.00	62,000.00	-	30/06/2025	Active	
TIDS		Transport Infrastructure Development Scheme	Dept of Transport & Main Roads	Capital	1,352,221.20	700,145.75	1,858,405.63	1,810,516.64	30/06/2024	Active	Final claims being processed
Works for Queensland Round 4 - CAPITAL & Operational	500225	Works for Qld 4 2021-2024	Dept of Local Government, Racing & Multicultural Affairs	Capital & Operational	5,630,000.00	5,067,000.00	6,210,000.00	4,628,381.68	30/06/2024	Active	
Black Spot (Appin St West/Cairns St Intersection Nanango)	500292	Black Spot Program	Dept of Transport & Main Roads	Capital	247,500.00	123,750.00	247,500.00	48,589.20	1/06/2024	Active	Grant being returned and will be applied for under the next
Works for Queensland 2024-2027		Works for Qld 2024-2027	Dept of Local Government, Racing & Multicultural Affairs	Capital & Operational	8,440,000.00	-	8,440,000.00	-	30/06/2027	Active	Program still needs to be approved by the Grant
RTR 2024-2029		Roads to Recovery Program	Dept of Infrastructure, Transport, Regional Development, Communications & the Arts	Capital	14,471,345.00	-	14,471,345.00	-	30/06/2029	Active	5 year program allocation - projects not allocated to funding as yet
Active Womens & Girls Rd1 - Multi Activity Program for Females	500306	Active Women & Girls Round 1 (Category 2)	Department of Tourism, Innovation & Sport	Operational	25,000.00	25,000.00	25,000.00	-	30/06/2025	Active	New Grant
MIIFF Amenities Block Murgon Rotary & Youth Park	500288	Minor Infrastructure & Inclusive Facilities Fund	Department of Tourism, Innovation & Sport	Capital	226,184.00	113,092.00	282,730.00	-	30/11/2025	Active	New Grant
MIIFF Amenities Block Nanango Butter Factory Park	500310	Minor Infrastructure & Inclusive Facilities Fund	Department of Tourism, Innovation & Sport	Capital	204,719.00	102,359.50	255,899.00	-	30/11/2025	Active	New Grant
SES Support Grant - Vehicle		State Emergency Services Support Grant	Qld Fire & Emergency Service	Capital	42,644.86	-	61,861.00	-	30/06/2025	Active	New Grant
Community Heritage CSA Grant - Boondooma Homestead Roof & Rainwater	500308	Community Sustainability Action Grants -	Department of Environment, Science & Innovation	Capital	50,000.00	-	50,000.00	-	30/06/2025	Active	New Grant
Financial Assistance Grant 2024/2025	500309	Financial Assistance Grant	Dept of State Development, Manufacturing, Infrastructure & Planning	Operational						Active	
QRA DRFA - Event 6 Operational		Disaster Recovery Funding Arrangement	Queensland Reconstruction Authority	Operational			1,054,940.23	1,054,940.23		Active	
BBRF - Kingaroy Transformation Project	500189	Building Better Regions Fund	Dept of Industry, Science, Engery & Resources	Capital	4,500,000.00	4,500,000.00	14,800,000.00	14,809,302.37	30/06/2023	Completed	
BBRF - Wondai Pool	500217	Building Better Regions Fund	Dept of Industry, Science, Engery & Resources	Capital	300,000.00	300,000.00	904,722.24	904,722.24	30/08/2023	Completed	
Black Summer Bushfires Recovery Community		Black Summer Bushfire Grant		Operational	1,600,000.00	1,600,000.00	1,631,680.00	1,500,323.00	31/03/2024	Completed	
Financial Assistance Grant (FAGS Grant) 23/24	500264	Financial Assistance Grant	Dept of State Development, Manufacturing,	Operational	7,437,659.00	7,437,659.00	7,437,659.00	7,437,659.00	30/06/2024	Completed	Yearly amount provided to
Blackbutt SES Main Building new roof & store building new ceiling	500246	State Emergency Service (SES) Support	Qld Fire & Emergency Service	Capital	73,236.75	73,236.75	97,649.00	97,649.00	30/06/2024	Completed	
Qld Health (Localised Mental Health Program)	500182	Localised Mental Health Intiative	Queensland Health	Operational	75,000.00	75,000.00	77,091.00	77,091.00	30/06/2023	Completed	
QRA DRFA Flexible Funding - Day at the Dam	500237	DRFA Qld Flooding - Category C - Flexible Funding	Queensland Reconstruction Authority	Operational	100,000.00	100,000.00	100,000.00	100,000.00	31/03/2024	Completed	Final acquittal/report and independent audit to be
RAP Rd 2 - Kingaroy Airport Lighting	500180	Regional Airports Program Rd 2	Dept of Infrastructure & Regiona Development	Capital	266,878.00	266,878.00	505,537.03	505,537.03	30/06/2023	Completed	
Tourism Experience Development (TED)	500225	Tourism Experience Development	Dept of Tourism, Innovation & Sport	Capital	50,000.00	50,000.00	200,000.00	200,000.00	31/10/2023	Completed	
PHN Mental Health Grant		PHN	Integrated Youth Mental Health Coordination	Operational	120,000.00	120,000.00	120,000.00	109,864.10		Completed	
Seniors Month	500312	Council on the Ageing Queensland	Council on the Ageing Queensland	Operational	2,000.00	2,000.00	2,000.00			Successful	
South Burnett Safe & Secure Recovery Project	500314	Disaster Recovery Funding Arrangements	Department of Treaty, Aboriginal and Torres Strait Islander Partnerships, Communities & the Arts	Operational	82,780.00	66,224.00	82,780.00	-	30/08/2024	Successful	

12.7 23/24 EOFY STOCKTAKE

File Number: **240624**

Author: **Strategic Procurement Coordinator**

Authoriser: **Chief Executive Officer**

PRECIS

Section 104 and 105 of the Local Government Act 2009 (Act) requires that Council must have suitable financial management processes following financial accountability that ensures the integrity of Councils financial documents and records.

SUMMARY

This report details the inventory variances encountered during the 2023/2024 financial year stocktake of Council's inventory on hand.

OFFICER'S RECOMMENDATION

That Council receive this report for information

FINANCIAL AND RESOURCE IMPLICATIONS

An accurate stocktake is crucial to ascertain the business's inventory value as this value impacts financial statements such as the Profit & Loss Statement.

LINK TO CORPORATE/OPERATIONAL PLAN

OR5 Continue to give priority to ongoing financial sustainability and prudent budget management.

OR13 Implement reliable, realistic and cost-effective business systems and practices.

OPFC/21 Annual Financial Statements developed and delivered in accordance and compliance with relevant Accounting Standards and Legislation.

COMMUNICATION/CONSULTATION (INTERNAL/EXTERNAL)

The Procurement & Stores team provide internal notification in advance of the scheduled stocktake closure date ensuring all inventory requirements are transacted and accounted for prior to reporting.

LEGAL IMPLICATIONS (STATUTORY BASIS, LEGAL RISKS)

Section 104 and 105 of the Local Government Act 2009 (Act) requires that Council must have suitable financial management processes following financial accountability that ensures the integrity of Councils financial documents and records.

POLICY/LOCAL LAW DELEGATION IMPLICATIONS

End of financial year stocktake is conducted in accordance with accounting standards AASB 102 – Inventories and the Financial Sustainability Policy.

ASSET MANAGEMENT IMPLICATIONS

Asset management implications may be observed where there are significant variances in the stocktake count as inventory is regarded as a current asset where it is kept for less than 12 months. Inventory that does not turn over after 12 months may be considered as dead stock, obsolete inventory and is counted as a liability.

REPORT

Council has undertaken the 2023/2024 End of Financial Year (EOFY) Stocktake in accordance with the sound accounting practices required by the *Local Government Act 2009*, the *Local Government Regulation 2012* and in alignment with accounting standards *AASB 102* – Inventories.

The 2023/2024 EOFY stocktake was conducted on Wednesday 19th of June 2024 whereby all inventory transactions are processed prior to stocktaking ensuring all inventory movements up until and including this date are captured and accounted for.

It is common to encounter generic stock variances throughout a financial year of transactions within an organisation. The stores team endeavour to keep variances to a minimal with accurate stock management practices.

Council holds approximately $803,000 for General Inventory which is an increase of $31,300 in the total value up from $771,700 in the 2022/2023 Financial Year plus $93,025 Bulk Fuel stock on hand with an overall total of $896,025 stock on hand.

The final result for the 2023/2024 EOFY stocktake for the Council's General Stock on hand inventory has resulted in a positive stock adjustment of $4,869. A positive stock adjustment (gain) has occurred due to the finalisation of the major Kingaroy Transformation Project and the return to inventory of various items excess to requirements.

The final result for the 2023/2024 EOFY stocktake for the Council's Bulk Fuel Stock on hand has resulted in a negative stock adjustment (loss) of $2,777.83.

In accordance with good inventory practices, a variance of 2% or less is considered an acceptable variation. Stock variations can be attributed to the following reasons:

1. **General Stock Variances:** Occurs during the requisitioning process due to a misunderstanding of correct Units of Measure (UOM). Can also occur when stock is taken after hours without being correctly booked out.
2. **Redundant Stock:** Inventory items being carried on Council's balance sheet for no functional reason such as items past "use by date". Redundant items are disposed of in accordance with Council's Disposal of Assets Policy.
3. **Variations in highly volatile products:** Aviation gas and ULP have an average evaporation rate of up to 10% which cannot be controlled.
4. **Permitted Stock Write off:** Where stock has not turned over for a period of 12 months or more, this is considered dead stock, obsolete inventory and is counted as a liability and therefore is often written off as a loss.
5. **Positive Stock Adjustments:** This anomaly occurs when stock may be returned to inventory which is excess to requirements during project delivery.

Stock Type	SOH Value	Kingaroy Variance	Nanango Variance	Wondai Variance	Total Variance	% of Variance for General
General Stock	$803,000	+$4,869	$Nil	$Nil	+$4,869	+ 0.60%

Stock Type	SOH Value	FULKI Variance	FULNA Variance	FULMU Variance	FULPR Variance	Total Variance	% of loss for Fuel
FUEL (DIE & ULP)	$93,025	$558.69	$528.84	$745.25	$945.05	- $2,777.83	- 2.98%

ATTACHMENTS

Nil

13 INFRASTRUCTURE

13.1 THE 2024-28 LOCAL GOVERNMENT GRANTS AND SUBSIDIES PROGRAM (LGGSP).

File Number: **17-07-2024**

Author: **Coordinator Infrastructure Services**

Authoriser: **Chief Executive Officer**

PRECIS

The 2024-28 Local Government Grants and Subsidies Program (LGGSP).

SUMMARY

The 2024-28 Local Government Grants and Subsidies Program (LGGSP) is a competitive, application-based grant program available to all Queensland councils.

The 2024-28 LGGSP aims to support councils to deliver priority infrastructure projects that meet the needs of their communities, create safe, liveable and prosperous regions and promote long-term council sustainability.

The Department of Housing, Local Government, Planning and Public Works (the Department) is responsible for administering the LGGSP, with a funding pool of up to $115 million available in the following categories:

1. Infrastructure projects (please refer to Section 2.5(b) on pages 7-8 of the attached program guidelines document);
2. Planning projects (please refer to Section 2.5(c) on page 8 of the attached program guidelines document).

South Burnett Regional Council is eligible to make application to seek funding for a maximum of two Infrastructure Projects and one Planning Project under the 2024-28 LGGSP.

Council is required to endorse the nominated projects in preparation for the LGGSP application process. The below report outlines key information about the program guidelines for this funding opportunity along with an officer's recommendation.

OFFICER'S RECOMMENDATION

That Council endorse and shortlist three (3) projects from the below list for submission under the 2024-28 Local Government Grants and Subsidies Program (LGGSP) funding opportunity. The estimated total project cost for each of these three (3) projects and Council's required financial contribution of 40 percent are also listed below.

Option	Type	Project	Branch	Operational Plan	LGGSP Contribution	SBRC Contribution	Total Project Value
1	Infrastructure Project	Boondooma Bunkhouse Roof renewal	Commercial Enterprises	OLP14	$ 90,000.00	$ 60,000.00	$ 150,000.00
2	Planning Project	Detailed Design Kingaroy Trunk Infrastructure	Water and Wastewater	OPI15 INV7 OPI8	$ 174,000.00	$ 116,000.00	$ 290,000.00
3	Infrastructure Project	Kingaroy North Sewer main (River Rd to North	Water and Wastewater	OPI15 INV7	$ 765,460.80	$ 510,307.20	$1,275,768.00

		St. Stage 4-5)		OPI8			
4	Infrastructure Project	Mt Wooroolin Reservoir 3 (2.8ML storage)	Water and Wastewater	OPI15 INV7 OPI8	$1,322,880.00	$ 881,920.00	$2,204,800.00

FINANCIAL AND RESOURCE IMPLICATIONS

South Burnett Regional Council is required to contribute 40 per cent or greater toward any approved project.

The outcome of the project applications for both the categories under this funding opportunity is expected to be announced in September 2024.

If Council's funding application was successful, Council will be required to make a financial contribution of at least 40 per cent to the project, consequently Council will be required to amend its budget via the 2nd quarter budget amendment in the current financial year to allocate the project budget and ensure the sources of funding are amended in the budget and the 10-year capital works program.

For the below projects shortlisted for funding consideration, Council's required financial contribution for each of the projects is listed in the below table:

Option	Type	Project	SBRC Contribution
1	Infrastructure Project	Boondooma Bunkhouse Roof renewal	$ 60,000.00
2	Planning Project	Detailed Design Kingaroy Trunk Infrastructure	$116,000.00
3	Infrastructure Project	Kingaroy North Sewer main (River Rd to North St. Stage 4-5)	$510,307.20
4	Infrastructure Project	Mt Wooroolin Reservoir 3 (2.8ML storage)	$881,920.00

LINK TO CORPORATE/OPERATIONAL PLAN

OPI/15 - Advocate for and seek funding to support improvements to urban water security, irrigation water projects and Gordonbrook water safety – dam wall spillway and Nanango

IN/7 - Develop a secure and reliable urban and rural water supply system through increased allocations, upgraded and renewed infrastructure and pricing models.

OPI/08 - Update/prioritise 10 year works programme for the replacement, upgrade and construction of new and existing water and wastewater assets with allocation of funding to develop, plan & design (10 year works program completed in accordance with asset management strategy) – Completed through CAPEX workshop.

OPL/14 - Management of Council's buildings and facilities including operational maintenance programmes, commercial and community leases and cost-effective asset management programs to meet agreed service levels.

COMMUNICATION/CONSULTATION (INTERNAL/EXTERNAL)

NIL

LEGAL IMPLICATIONS (STATUTORY BASIS, LEGAL RISKS)

Not applicable

POLICY/LOCAL LAW DELEGATION IMPLICATIONS

Not applicable

ASSET MANAGEMENT IMPLICATIONS

The nominated projects are a mix of renewal and upgrades to existing assets. The newly constructed infrastructure will drive changes to financial modelling and will incur depreciation expenditure. Council will fund the depreciation in accordance with the funding strategy outlined in Council's budget document, and asset management plans. Council asset sustainability ratio target is greater 90 percent (on average over the long-term).

REPORT

Through the Local Government Grants and Subsidies Program (LGGSP), the Queensland Government supports Councils to deliver infrastructure projects that enhance community quality of life, foster economic growth and facilitate job creation in local communities. Since 2015, the Queensland Government has approved more than $255 million in funding across five(5) LGGSP rounds and it is estimated that LGGSP will have been used to deliver more than 400 projects and will have supported approximately 5,000 jobs across Queensland.

The objective of the LGGSP program is to support the completion of eligible projects that:

- deliver priority essential services and infrastructure, including upgrading and extending the functional life of existing infrastructure
- align with local, regional and state priorities and infrastructure planning objectives
- contribute to local and regional economic growth and employment
- improve local disaster resilience and preparedness
- support council long-term sustainability, including through improved project planning
- encourage collaboration and resource sharing between councils
- improve the liveability and amenity of regional communities through improved infrastructure and increased economic activity.

Projects funded under the 2024-28 LGGSP are to be delivered across a four-year(4) program funding period. All projects must be able to be completed by 30 June 2028.

Below details outline the projects definitions for endorsements.

1. **Boondooma Bunkhouse Roof renewal:**

   Replace the bunkhouse roof with new roof iron sheeting and replace rotted roofing beams and guttering if required and undertake internal painting (ceiling & walls) of all rooms (1-8) and connecting amenities.

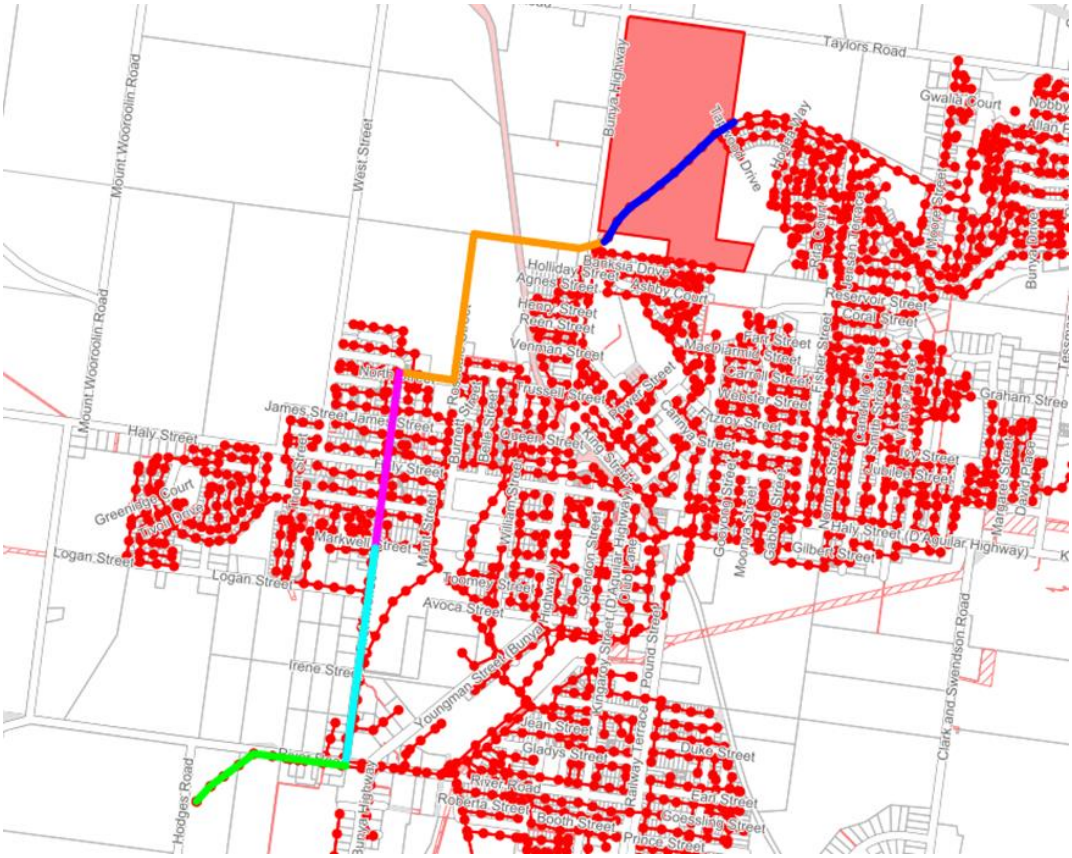
2. **Detailed Design Kingaroy Trunk Infrastructure:**

   Complete Issue for Construction Plans, detailed survey, cost, and quantitative assessment. The detailed design report will break the total trunk water infrastructure requirements into stages for potential future shovel ready funding applications.

	Items required
1	Mount Wooroolin Reservoir - Additional 3ML Reservoir K03
2	TRUNK Water Main Haly Street PS to William St - 450DN K05 Required additional capacity for demand and development.
3	TRUNK Water Main William St to Jarrah Street - 450DN K04 Required additional capacity for
4	TRUNK Water Main HalySt/Fisher St to New Fisher St PS - 300DN K06a Required additional capacity for demand development
5	TRUNK Water Main New Fisher St PS to New Kingaroy Hts Reservoir - 300D K06b Required additional capacity for demand development
6	TRUNK Pump Station - New Pump Station Fisher Street 75L/s K06c Required additional capacity for demand development
7	RESERVOIR New Kingaroy Ht Reservoir - Additional Capacity 2.5 ML K06d Required additional capacity for development Demand and Fire Flow Swickers
8	TRUNK Pump Station - New Pump station of Kingaroy Hts K06e Replacement PS for Kingaroy Hts existing res and PS, as well as McAulay Drive PS. Existing to be decommissioned
9	TRUNK Water Main New Kingaroy Hts Res to Somerset St - 250DN K07a Required additional capacity for development Demand and Fire Flow and development in LLZ
10	TRUNK Water Main New Walter Road to River Road - 250DN K07b Required additional capacity for Demand and Fire Flow for develoment
11	TRUNK Water Main New River Road to Youngman St - 200DN K07b

3. Kingaroy North Sewer Main (River Rd to North St)

Council is committed to delivering stages 1,2 and 3 in year's 24/25 and 25/26. The project proposed is to continue the Kingaroy North Trunk main required for future development opportunities.
Proposed stage 4 and 5 will extend the Trunk sewer from the 600mm main on River Rd up to North Street. This will complete the most complex construction activities that tie into existing Council operating Sewers.
The stages can be seen below in light blue and pink.



4. **Mt Wooroolin Reservoir**.

   An additional reservoir is required to compliment the current reservoir being constructed. The reservoir is required to increase the storage capacity for the Kingaroy drinking water supply scheme. Network modelling requires 7ML of storage capacity. The proposed project will duplicate the newly constructed reservoir.

The Department of Housing, Local Government, Planning and Public Works is responsible for administering the LGGSP, with funding available in the following two categories:

1. **Infrastructure projects**

   Councils may submit up to **two (2**) applications for an infrastructure project. Infrastructure projects must be one of the following categories:

   (i) **An essential services project**, including:

   - a critical infrastructure project - for example, water supply, sewerage (including common effluent drainage schemes), waste infrastructure, waste management, roads and drainage, stormwater systems.
   - a disaster resilience and preparedness project
   - a housing supply project – provision of Council staff housing or enabling works to support safe, secure and affordable community housing outcomes.
   - a community safety and wellbeing project – for example, CCTV, active transport infrastructure, sport, and recreation facilities (including parks and playgrounds).

   (ii) **An economic development or Council sustainability project** including:

- local economic infrastructure project – for example, airports and aerodromes, caravan / tourist parks, telecommunications / data infrastructure, community hubs, works depots.
- a tourism infrastructure project – for example, town centre works, development of iconic landmarks
- a community buildings and facilities project – for example library/knowledge centre, council
- administration building, town hall, car parking facilities

2. Planning projects

Council can submit **one** (1) application under this category for a project that can be one of the following:

(i) a strategic plan for an infrastructure project.

(ii) a business case and/or detailed design project

(iii) an asset condition assessment project

Project Application

A new, two-stage process for infrastructure projects applications which will support councils to develop and submit high-quality project submissions is one of the key features of the 2024-28 LGGSP.

For infrastructure projects, a two-step application process will apply:

(1) Stage 1 – Project Proposal (due by 9 August 2024).
(2) Stage 2 – Business Case.

For planning projects, a one-step application process will apply:

(1) Stage 1 – Application and Evaluation.

Councils will be notified in writing of the assessment outcome of their application, and in the case of infrastructure projects, endorsed projects will receive an invitation to progress to Stage 2 (i.e. Business Case).

All project applications seeking funding under the 2024-28 LGGSP must be submitted online via the eGrant portal.

Key Dates and Information

Program release date	11/06/2024
Policy agency	Department of Housing, Local Government, Planning and Public Works (the Department)
Administering agency	Department of Housing, Local Government, Planning and Public Works
Funding round	1 July 2024 to 30 June 2028
Stage 1 (Project Proposal) opens	12/06/2024
Stage 1 (Project Proposal) closes	09/08/2024
Stage 1 outcome announcement	September 2024
Stage 2 (Business Case) opens	September 2024
Stage 2 (Business Case) closes	31/05/2025
Project completion	30 June 2028 NOTE: projects cannot commence until a Project Funding Schedule has been signed by both parties.
Project completion report	30 September 2028 Project completion report to be provided to the Department. Final date by which project must be acquitted, including submission of a project completion report.
Program budget	Up to $115 million
Program type	Competitive
Eligible applicants	All Queensland local government Councils

ATTACHMENTS

1. 2024-28 Local Government Grants and Subsidies Program – Program guidelines.

Queensland Good jobs Better services Great lifestyle

2024-28 Local Government Grants and Subsidies Program

Program guidelines

Queensland Government

The Department of Housing, Local Government, Planning and Public Works connects industries, businesses, communities, and government (at all levels) to leverage regions' strengths to generate sustainable and enduring economic growth that supports well-planned, inclusive, and resilient communities.

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Copies of this publication are available on our website at www.localgovernment.qld.gov.au and further copies are available upon request.

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Project completion	30 June 2028 NOTE: projects cannot commence until a Project Funding Schedule has been signed by both parties.
Project completion report	30 September 2028 Project completion report to be provided to the Department. Final date by which project must be acquitted, including submission of a project completion report.
Program budget	Up to $115 million
Program type	Competitive
Eligible applicants	All Queensland local government Councils
Enquiries	**Northern region:** (07) 4758 3472 **Southern region:** (07) 4122 0411 **Email:** lgdgrants@dsdilgp.qld.gov.au **Website:** https://localgovernment.qld.gov.au

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Executive summary

Queensland's 77 local governments play a vital role in creating safe, liveable, and prosperous local communities for all Queenslanders.

Through the Local Government Grants and Subsidies Program (LGGSP) the Queensland Government supports councils to deliver priority projects that improve the infrastructure and services local communities need.

Since 2015, the Queensland Government has approved more than $255 million in funding across five LGGSP rounds. By the end of the current 2022-24 funding round, it is estimated that LGGSP will have been used to deliver more than 400 projects and will have supported approximately 5,000 jobs across Queensland.

The 2024-28 LGGSP will provide up to $115 million in new LGGSP funding. This funding reinforces the Queensland Government's commitment to supporting Councils to deliver infrastructure projects that enhance community quality of life, foster economic growth, and facilitate job creation in local communities.

Key features of 2024-28 LGGSP include:

- funding of up to $115 million
- projects to be delivered across a four-year program funding period
- up to $10 million of the total funding pool will be made available for approved planning projects
- approved infrastructure projects will be granted a subsidy of no greater than 60 per cent of the eligible project costs, unless otherwise approved by the department
- a new, two-stage process for infrastructure project applications which will support councils to develop and submit high-quality project submissions
- a maximum of two infrastructure project applications and one planning project application per council
- regional collaboration projects are encouraged and will be considered independent of the lead council's application limit
- all projects **must** be able to be completed by 30 June 2028, with no extensions of time to be provided beyond the program end date.

1. Introduction

The 2024-28 Local Government Grants and Subsidies Program (LGGSP) is a competitive, application-based grant program available to all Queensland Councils.

The Department of Housing, Local Government, Planning and Public Works (the Department) is responsible for administering the LGGSP, with a funding pool of up to $115 million available in the following categories:

1. Infrastructure projects (please refer to Section 2.5(b))
2. Planning projects (please refer to Section 2.5(c)).

2. Overview

2.1 Aim

The aim of the LGGSP is to support councils to deliver priority infrastructure projects that meet the identified needs of their communities and which support safe, liveable and prosperous local communities and sustainable councils or assist in the planning of future projects that will deliver these same benefits.

2.2 Objective

The objective of the grant program is to support the completion of eligible projects that:

- deliver priority essential services and infrastructure, including upgrading and extending the functional life of existing infrastructure
- align with local, regional and state priorities and infrastructure planning objectives
- contribute to local and regional economic growth and employment
- improve local disaster resilience and preparedness
- support council long-term sustainability, including through improved project planning
- encourage collaboration and resource sharing between councils
- improve the liveability and amenity of regional communities through improved infrastructure and increased economic activity.

2.3 Program funds

Funding of up to $115 million is available under the 2024-28 LGGSP program[1], including up to $10 million for planning projects.

2.4 Applicant eligibility

To be eligible for funding under the LGGSP program, an applicant must be a local government body constituted under the *Local Government Act 2009* or the *City of Brisbane Act 2010.*

[1] A maximum of $115 million is available for allocation to councils under the 2024-28 LGGSP. The amount of funding allocated will be determined based on the assessment of project applications received.

2.5 Project eligibility

(a) Overview

(1) To be eligible for funding, an application must:

(i) be submitted before the application closing date

(ii) align with the objectives of the 2024-28 LGGSP (Section 2.2)

(iii) be for an eligible infrastructure or planning project (refer to sections 2.5(b) and 2.5(c))

(iv) demonstrate the construction phase of the project can commence within 12 months of the Funding Agreement start date

(v) be able to be completed by 30 June 2028

(vi) be undertaken within the Council's prescribed local government area

(vii) be undertaken on land owned or controlled by the Council at the time the project application is submitted, except where the Council has permission to construct on Queensland Government-owned land (should Councils wish to undertake works of this nature, evidence of land tenure and or permissions must accompany the application)

(viii) demonstrate that all required land tenure and/or Native Title and/or Cultural Heritage approvals have been secured at the time of making the application

(ix) not involve the purchase of an asset or land or be for works on an asset that is not or will not be owned and/or controlled by the Council

(x) not be temporary works.

(2) A project can be a stage of a larger project, where delivery of the identified project stage can be achieved within the program period and meets the project eligibility requirements and objectives of the fund. The staged component must be identifiable as a discrete component/project within the larger project and one that can be costed independently.

Note: If a staged element, the completion of the LGGSP funded project must be able to be independently delivered (i.e. not be contingent upon the completion of another stage of the project).

(b) Infrastructure projects

(1) Councils may submit up to two (2) applications for an infrastructure project. Councils are required to contribute to projects pursuant to Section 2.8 Other requirements section of this guideline.

(2) Infrastructure projects must be one of the following categories:

(i) An **essential services project**, including:

- a critical infrastructure project - for example, water supply, sewerage (including common effluent drainage schemes), waste infrastructure, waste management, roads and drainage, stormwater systems
- a disaster resilience and preparedness project
- a housing supply project – provision of Council staff housing or enabling works to support safe, secure and affordable community housing outcomes
- a community safety and wellbeing project – for example, CCTV, active transport infrastructure, sport, and recreation facilities (including parks and playgrounds).

(ii) An **economic development or Council sustainability project**, including:

- local economic infrastructure project – for example, airports and aerodromes, caravan / tourist parks, telecommunications / data infrastructure, community hubs, works depots
- a tourism infrastructure project – for example, town centre works, development of iconic landmarks
- a community buildings and facilities project – for example library/knowledge centre, council administration building, town hall, car parking facilities

(3) An infrastructure project that is a capital maintenance or repair project must upgrade or extend the life of council-owned infrastructure.

(4) Proposed projects should focus on supporting councils to manage their long-term sustainability and must demonstrate alignment with their future strategic and operational planning. Examples of documents that support the planning or delivery of proposed projects include (but are not limited to):
   (i) a council corporate plan or asset management plan
   (ii) local government planning documents
   (iii) critical infrastructure condition reports, including non-compliance directives or notifications from regulators or other State agencies
   (iv) council 10-year financial forecasting.

(5) Project proposals can also reference and demonstrate alignment with strategic State and regional planning documents, including (but not limited to):
   (i) the *State Infrastructure Strategy*
   (ii) the *Regional Growth Framework*
   (iii) *Regional Plans* and the *Regional Transport Plan*.

(c) Planning projects

(1) Up to $10 million is available for allocation to planning projects. The amount allocated under this stream will be dependent upon the availability of suitable high-quality applications.

(2) Councils may submit one (1) application for a planning project.

(3) To be eligible for program funding, each nominated planning project must meet all requirements of Section 2.5(a) where applicable, and be one of the following:
   (i) a **strategic plan for an infrastructure project** – funding studies and investigations that will assist local governments to form a strategic view of their key infrastructure priorities and needs (needs assessment, preliminary costing, options analysis)
   (ii) a **business case and/or detailed design project** – the development of local government infrastructure proposals and designs to provide better clarity on investment decisions
   (iii) an **asset condition assessment project** – the provision of an independent report detailing the current condition and remaining useful life of council's essential infrastructure with recommendations for addressing critical/immediate and future local needs.

2.6 Eligible and ineligible project costs

Councils will be responsible for all ineligible project costs and any eligible project costs over and above the approved funding amount. Councils will also be responsible for meeting any project cost increases that occur over the course of delivering an approved project.

(a) Eligible project costs

(1) **Direct project costs**, for example:
   (i) construction costs (site works, construction-related labour, materials, equipment hire, supplies and materials etc)
   (ii) project management costs, including remuneration of council technical, professional and/or administrative staff for time directly related to managing the construction of approved works but excluding executive duties and overhead charges
   (iii) purchase and installation of fixed plant and equipment required to fully commission the infrastructure
   (iv) costs of conducting a tender for construction of approved works
   (v) for **planning projects**, professional third-party service provider fees for delivery of the approved project
   (vi) for **Stage 2 infrastructure project applications**, professional third-party service provider fees for project planning and design development (refer to section 3.3):
      a. incurred in the period between a Stage 1 in-principle approval being received and Stage 2 application being made.

b. to be funded retrospectively, subject to a project receiving a Stage 2 approval and a Project Funding Schedule being executed.

(vii) any other costs deemed eligible by the Department.

(b) Ineligible project costs

(1) Any costs incurred by the recipient local government prior to execution of the Project Funding Schedule.
(2) Statutory fees and charges and/or any costs associated with obtaining regulatory and/or development approvals.
(3) Legal expenses.
(4) Core business costs (business as usual), including:
  (i) ongoing costs for administration, operation, maintenance, and engineering
  (ii) corporate overheads and on-costs, including travel and accommodation where not directly incurred in delivery of the approved project
  (iii) remuneration of council employees for work not directly related to the approved project.
(5) Purchase, lease or hire of core business equipment such as plant, motor vehicles, office furniture and equipment and information and communication technology (ICT) equipment not required solely for the direct delivery of the project.
(6) Land purchases and/or costs associated with land purchases (including any purchases that may be part of an eligible project; and land buy-back scheme costs).
(7) Movable/portable furnishings supplies and related items, such as portable and attractive items, computers, tables and chairs, cutlery, crockery, appliances (refrigerators, microwave ovens, bench top appliances).
(8) Costs associated with preparing the project application.
(9) Official opening expenses.
(10) Any other costs as determined by the Department to be ineligible.

Note: The above list identifies common examples of ineligible costs and is not intended to be exhaustive. If there is any doubt about ineligible projects or costs, please contact the council's Department's regional advisor.

2.7 Goods and Services Tax (GST)

(a) Provision of grant funding to local governments is not considered a taxable supply and so Goods and Services Tax (GST) is not applicable. All costs associated with the project must be excluding GST.

2.8 Other requirements

(a) Funding is not to be used by the Council as their own contribution towards any other State or Commonwealth Government funded projects.
(b) Approved subsidies will be calculated based on Total Eligible Project Cost:

Total Eligible Project Cost = Total Project Cost – Ineligible Costs and other Financial Contributions

(c) Councils are expected to make a financial contribution of 40 per cent or greater towards any approved project/s.
(d) While Councils may request a higher subsidy rate, the final funding percentage is at the discretion of the Director-General.
(e) Councils applications must include a considered and justifiable level of project cost contingency based on project readiness and risk.
(f) Councils will be required to estimate, and report on, the number of jobs each project will create or sustain.
(g) Before submitting an application, councils are encouraged to seek feedback from the Department's regional advisor to ensure consistency with program guidelines and to obtain further clarity on eligibility and assessment criteria.

2.9 Funding arrangements

(a) Councils will need to execute a Project Funding Schedule under the Head Funding Agreement with the State before a project can commence.
(b) The Project Funding Schedule and the Head Funding Agreement will constitute the Project Funding Agreement with Council.
(c) Payment will be made in accordance with the provisions of the Project Funding Schedule and the Milestone Schedule set out within it.
(d) The State has no obligation to provide project funding to a council until a Project Funding Schedule is fully executed.
(e) Councils should not make any financial commitments until all necessary documents have been finalised and executed.

3.0 Project applications, assessments, and approvals

(a) Funding under LGGSP is awarded through a competitive assessment process.
(b) For infrastructure projects, a two-step application process will apply:
    (1) Stage 1 – Project Proposal
    (2) Stage 2 – Business Case
(c) For planning projects, a one-step application process will apply:
    (1) Stage 1 – Application and Evaluation.
(d) Regional collaboration is encouraged. Where two or more councils wish to apply for funding to benefit multiple local government areas:
    - all councils must be identified in the application for funding and
    - a single council must be nominated as the lead contact. Lead contact will be the contracting party and will be responsible for project contract management and delivery.

Note: where councils submit a joint application, this will not be counted towards the total number of applications submitted for any party to the joint application.

3.1 Stage 1 – Project Proposal (all categories)

Councils are required to complete an application via the eGrant portal and upload the following documentation.

(a) **Mandatory Documents** for inclusion in an application:
    (1) Project plan and a risk management plan.
    (2) Proposed project timelines/works schedule showing timeframes for all project stages.
    (3) Evidence of any financial and in-kind contributions from other parties, including details of the amount of funding and any conditions attached to the funding (note: all funding must be confirmed at the time of submission).
    (4) Evidence that all land ownership, access or native title issues have been extinguished. (note: exceptions may apply and must be agreed to in writing by the department prior to submission).
(b) **Supporting Documents** for inclusion in an application (non-mandatory, however consideration should be given to including supporting documentation which supports statements/claims made in responses to the selection criteria):
    (1) A cost-benefit analysis or benefits assessment.
    (2) Project readiness information (for example, quotes/tender documents showing cost and delivery timeframe, example of similar project completion in the past 12 months).
    (3) The final construction/engineering design.
    (4) Any additional documentation (evidence) that supports statements made in the application.

(5) Evidence to demonstrate community support and/or benefit (for example, the outcomes of previous community consultation).

(c) The Chief Executive Officer (or delegated officer) of the local government is responsible for ensuring that the application is complete and accurate. Giving false or misleading information is a serious offence which may exclude the local government from funding consideration or result in any funds granted needing to be repaid.

(d) Councils will be notified in writing of the assessment outcome of their applications. In the case of infrastructure projects, endorsed projects will receive an invitation to progress to Stage 2 and subsequent notification of the outcome of their application following final assessment.

3.2 Stage 1 - Assessment

3.2.1 Infrastructure projects

(a) Applications will be assessed against the following criteria.

(b) The eGrant application includes questions that relate to the assessment criteria and other important information.

Assessment Criterion 1: Project need and benefits (weighting 45 per cent)

Council should demonstrate this by identifying:

- the need for the proposed project
- the impacts of not proceeding with the proposed project
- the community benefits and support for the proposed project
- the economic benefits (both direct and indirect) that are expected to be realised by the proposed project
- how the project will support the long-term sustainability of the local government area.

Assessment Criterion 2: Proposed solution (weighting 30 per cent)

Council should demonstrate:

- why the proposed project is the most appropriate course of action and what alternatives have been considered
- how the proposed project aligns with the program objectives and council's long term strategic plan
- the proposed project's readiness to commence construction and be completed within the program's timeframes
- the council's capacity and capability to complete the proposed project, including evidence of previous performance in delivering similar projects
- the council's ongoing operational and maintenance costs of the infrastructure and the capacity of the local government to fund these costs over the life of the asset.

Assessment Criterion 3: Value for money (weighting 10 per cent)

Councils should demonstrate:

- the positive impact the grant will have on the size, scale, and/or timing of the proposed project
- the extent to which the project leverages financial contributions from council and/or other stakeholders
- the cost risks associated in delivering the project (for example, location, weather impacts, cost overruns).

Assessment Criterion 4: Financial need (weighting 10 per cent)

This criterion will be assessed by the Department based on the capacity of the applicant to self-fund the project.

The department will evaluate the financial capacity of the councils and the assessment panel will consider information obtained through the Councils' Financial Statements provided annually to the department.

Note: Councils with reduced capacity to fund the project will be scored positively around this criterion.

Assessment Criterion 5: Demonstrated performance in delivering funded projects (weighting 5 per cent)

This criterion will be assessed based on the council's performance over the past five years in delivering department-funded projects within program timeframes.

The department will evaluate Council's past performance from information held in the eGrant system.

3.2.2 Planning projects

(a) Applications will be assessed against the following criteria.
(b) The eGrants application includes questions that relate to the assessment criteria.

Assessment criterion 1 — Proposed solution (weighting 100 per cent)

The application needs to demonstrate:

- the need for the proposed project
- the proposed solution aligns with program objectives and Council's long term strategic plan
- direct and indirect economic benefits that are expected to be realised by the project
- feasibility of delivering the project within the identified budget and timeframes
- how the project will support a future infrastructure project/s.

3.3 Stage 2 – Business Case (Infrastructure Projects Only)

Stage 2 provides councils the opportunity to demonstrate that their project is ready to commence and can be completed within the program funding period and on budget.

(a) Councils will have until 31 May 2025 to provide the documentation outlined in Criterion 1 below but are encouraged to submit as soon as practicable to allow for detailed assessment and, subject to project approval, works to commence on their project without delay.
(b) If council fails to meet the Stage 2 criteria the in-principle approval from Stage 1 will be retracted.
(c) Applicants will be notified in writing of the outcome of their applications in Stage 2. Successful applicants will be invited to accept and sign a Project Funding Schedule to commence the project.

Criterion 1: Project Delivery Capacity

Councils must provide:

- detailed project costing information, including a project cashflow forecast
- detailed project plan (template attached to the application form) or equivalent
- project risk management plan
- evidence demonstrating the readiness of the project to commence and confirmed start/delivery dates (i.e. quotes/tender notification, confirmation/correspondence from supplier/contractor
- project Gantt chart (or similar such as a works program) showing timeframes for all stages up to project completion
- evidence the project has sufficient contingency to account for possible weather events and cost over runs (i.e. budget approved/set aside by the council as contingency)
- a copy of the detailed design/engineering report if applicable
- any additional information that might help strengthen the department's assurance the project will be completed on time and within budget.

Note: If the project cost or timeline has changed significantly from Stage 1, the council will be required to demonstrate how it plans to address the cost over runs and time delays accordingly.

3.4 Approval process

(a) The Department will assess Stage 1 applications against the assessment criteria using the weighting indicated (see Section 3.5) and against other applications.
(b) Applications will then be referred to a moderation panel for final consideration and to make recommendations to the Director-General of the Department the projects. Infrastructure projects will be provided an 'in-principle' approval, pending compliance with Stage 2 assessment requirements.
(c) Councils may be asked to clarify or provide additional information that will not change the nature of the application.
(d) The Director-General has discretion in funding decisions and is under no obligation to consider applications made after the designated closing date and time.
(e) Applicants will be notified in writing of the outcome of their applications and will be invited to accept and execute a Project Funding Schedule (following Stage 1 assessment for planning projects and Stage 2 assessment for infrastructure projects) to release funds and enable the commencement of works.
(f) To ensure responsiveness to evolving economic and market conditions, the Department may fund urgent priority works that arise during the program's duration. The Director-General, guided by the Department's delegation and funding guidelines, will have discretion in considering emerging priority projects.
(g) Nothing in this section limits the State's discretions under Section 6.1 of these guidelines.

3.5 Payment claim requirements

(a) The Department will make payments according to the following schedule:

Payment schedule	Milestone
First payment (30% of project funding)	• The Department will make the first payment to eligible Councils as soon as practicable, subject to the Project Funding Schedule/s being executed by both parties.
Second and subsequent payments (up to 60% of project funding)	• Second and subsequent payment claims can be lodged progressively via the eGrant portal, but not more often than monthly. • Payments will be made in arrears and calculated using the following formula: *Eligible expenditure incurred multiplied by the approved subsidy percentage, less any previous subsidy claims paid.*
Final payment (10% of project funding)	• The project must have been completed. • A Project Completion Report, certified by the Chief Executive Officer or authorised delegate, has been lodged with and approved by the Department via the eGrant portal. • The Project Completion Report is to be supported by photographs and proof of expenditure for all projects. See below (b) Notes on project photographs and (c) Proof of expenditure. • Confirmation that council has complied with Funding Acknowledgment Guidelines.

(b) Project photograph requirements:
  (1) At least two (2) photos of the project area/sites prior to works commencing.
  (2) At least two (2) photos of the completed works funded by 2024-28 LGGSP.

Note: Photos are not required for planning projects.

(c) Proof of expenditure must include copies of general ledger extract for relevant job/project detail payments that indicate monies spent in the delivery of the project.
(d) Once the Project Completion Report has been submitted and final payment has been made, the Council will not be able to make any further claims for expenditure incurred on the endorsed project(s).
(e) The Project Completion Report must include the number of jobs created/supported by the project.
(f) The Project Completion Report must demonstrate how the project realised at least one of the outcomes outlined in Section 2.2 of these guidelines for their local community and specifically those identified in the project application.

3.6 Program monitoring, acquittal, and evaluation

(a) All projects will be monitored by the Department.
(b) Councils must comply with all reporting, record keeping and audit obligations in the Project Funding Agreement, which includes the provision of quarterly progress reports. Progress reports are to be submitted via the Department's on-line eGrant system. Departmental staff will conduct regular follow up of project progress outside of specified reporting periods.
(c) The Department may:
    (1) request from the council additional information and/or updates on the status of funded projects at any time, including requiring more frequent project reports. Councils are to ensure expenditure records and construction photographs are kept current and up to date
    (2) require the council to engage a suitability qualified external project manager.
(d) For infrastructure/maintenance projects, once a project has commenced councils are to provide photos of the site/work area in their next progress report.
(e) The Project Completion Report and any supporting documents must be provided to the Department before the date specified in Section 16 of the Project Funding Schedule (30 September 2028).
(f) The Department reserves the right to require a Council, through Clause 20 of the Project Funding Schedule, to establish a dedicated bank account for the purposes of managing its program funding allocation. This may also include the requirement to provide quarterly (or if requested, more regularly) bank statements or other reports for the account.

3.7 Extensions of time and withdrawn projects

(a) All projects funded under the 2024-28 LGGSP must be completed by 30 June 2028.
(b) Extensions of time to complete works will not be considered. All expenditure must be acquitted by 30 September 2028. No extensions to acquit funds will be granted.
(c) Where a Council determines that a project cannot be delivered, the Council may apply to the Department to withdraw the project.
(d) Approval to withdraw a project and/or change scope of a project will only be considered under exceptional circumstances with supporting evidence.

4.0 Funding Acknowledgement and Communications

4.1 Acknowledgement and Communications

(a) All grant and funding recipients that receive funding from programs administered by the Department of Housing, Local Government, Planning and Public Works are required to acknowledge the funding provided by the Queensland Government.

(b) Any reference to Queensland Government funding in communication materials (see Section 2.1) requires approval from the Department of Housing, Local Government, Planning and Public Works. Funding recipients must provide copies of any planned project-related communication materials to the Department before the intended release date so approval can be arranged.
(c) Information about funding acknowledgement requirements can be found under Funding Acknowledgement Requirements via the Department's website: Local Government Division Funding Acknowledgement Guidelines.

4.2 Confidentiality, privacy and use of information

(a) The State will maintain controls in relation to the management of confidential information provided by Councils. Councils should specifically mark any information the applicant considers to be confidential.
(b) During the submission, review, assessment and endorsement processes, Councils must keep confidential their project proposals and dealings with the State about their project proposals but may make disclosures if required by law or to its representatives or advisors who are under an obligation of confidentiality.
(c) Councils must also keep confidential any information designated by the State as confidential.
(d) The State may disclose information, including confidential information, of or provided by Councils:
    1) to its representatives and advisors for any purpose
    2) to any government agency or authority and its representatives and advisors, including for the purpose of assessing and verifying such information
    3) to comply with or meet applicable standards of accountability of public money or established government policies, procedures, or protocols or
    4) if required to be disclosed by law.
(e) The State may publicly disclose the names of Councils receiving funding under the program, including information about projects (e.g. project scope and project delivery process), the amount of funding granted to each Council and details about the anticipated economic outcomes and benefits of projects.
(f) Any personal information submitted as part of an application will not be used by the State or disclosed to any third party for a purpose other than in connection with the assessment of the application without a Council's consent, unless required by law or in accordance with the *Information Privacy Act 2009*.
(g) For audit purposes, the State is required to retain project proposals and other supplied supporting material for a period of seven years.
(h) The provisions of the *Right to Information Act 2009* apply to documents in the possession of the State.

4.3 Complaints

(a) The decision in relation to an application is final and may not be appealed. If, however, a Council has any concerns in relation to the application or assessment process, they may raise their concerns in writing by contacting: lgdgrants@dsdilgp.qld.gov.au.
(b) All questions about decisions on applications for the Grant Program are to be lodged in writing to: lgdgrants@dsdilgp.qld.gov.au.

5.0 Enquiries and Contact details

(a) Councils should contact their designated Departmental Regional Advisor in relation to general questions, clarification in relation to assessment criteria, requests for further information and questions on how to apply.
(b) The contact telephone numbers for the Regional Offices are:

Email: lgdgrants@dsdilgp.qld.gov.au
Website: www.localgovernment.qld.gov.au

Note: The Department is not able to assist in preparing Council's application/s.

6.0 Terms and conditions

6.1 Reservation of rights

(a) Despite any provision of these guidelines to the contrary, the State reserves the right to administer the grant program and conduct the process for the assessment and approval of applications to the grant program in such manner as it thinks fit, in its absolute discretion.

(b) Without limiting paragraph (a), the State retains all rights and powers to make all decisions and actions to achieve the program objectives and the State reserves the right, in its absolute discretion and at any time, to:

(1) change the structure, procedures, nature, scope, or timing of, or alter the terms of participation in the process or overall grant program (including submission and compliance of applications), where in such circumstances notice will be provided to applicants

(2) consider or accept, or refuse to consider or accept, any application which is lodged other than in accordance with these guidelines or is lodged after the relevant date for lodgement, or which does not contain the information required by these guidelines or is otherwise non-conforming in any respect;

(3) vary or amend the eligibility or assessment criteria

(4) take into account any information from its own and other sources (including other government agencies and other advisors)

(5) accept or reject any application, having regard to these guidelines, the eligibility criteria, the assessment criteria or any other item, matter or thing which the State considers relevant, including the limitations on the funds available for the grant program

(6) give preference by allocating weighting to any one or more of the eligibility criteria or assessment criteria over other criteria

(7) conduct due diligence investigations in respect of any applicant and subject applications to due diligence, technical, financial and economic appraisals

(8) require an applicant to clarify or substantiate any claims, assumptions or commitment contained in an application or provide any additional information

(9) terminate the further participation of any applicant in the application process

(10) terminate or reinstate the grant program or any process in the grant program

(11) not proceed with the grant program in the manner outlined in these guidelines, or at all

(12) amend the nature, scope or timing of the grant program

(13) allow the withdrawal of an applicant

(14) seek presentations from or interviews with any applicant and conduct negotiations with any one or more applicants after the applications have been lodged

(15) publish the names of applicants to the grant program and

(16) take such other action as it considers in its absolute discretion appropriate in relation to the grant program processes.

(c) Where, under these guidelines, it is stated that the State may exercise a right or discretion or perform any act or omit to perform any act, then unless stated otherwise the State may do so at its sole and absolute discretion and will not be required to act, or be restrained from acting, in any way or for any reason nor to take into account the interests of any third party (including an applicant).

6.2 No relationship

(a) The State's obligations in connection with the application process are limited to those expressly Stated in these guidelines.

(b) No contractual or legal relationship exists between the State and an applicant in connection with the grant program, these guidelines or the application process or any stage of the grant program.

(c) An applicant, or its representatives:

(1) has no authority or power, and must not purport to have the authority or power to bind the State, or make representations on behalf of the State

(2) must not hold itself out or engage in any conduct or make any representation which may suggest to any person that the applicant is for any purpose an employee, agent, partner, or joint venturer with the State
(3) must not represent to any person that the State is a party to the proposed project other than as a potential funder, subject to the application process detailed in these guidelines.

6.3 No action

(a) To the extent permitted by law, no applicant will have any claim of any kind whatsoever against the State (whether in contract, tort (including negligence), equity, under statute or otherwise) arising from or in connection with:
  (1) any costs, expenses, losses, or liabilities suffered or incurred by the applicant in preparing and submitting its application (including any amendments, requests for further information by the State, attendance at meetings or involvement in discussions) or otherwise in connection with the grant program
  (2) the State at any time exercising or failing to exercise, in its absolute discretion, any rights it has under or in connection with the grant program
  (3) any of the matters or things relevant to its application or the grant program in respect of which the applicant must satisfy itself under these guidelines
(b) Without limiting paragraph (a), if the State cancels or varies the grant program at any time or does not select any applicant following its assessment of the applications or does (or fails to do) any other thing referred to under clause Section 6.1 of these guidelines, no applicant will have any claim against the State arising from or in connection with any costs, expenses, losses or liabilities incurred by the applicant in preparing and submitting its application or otherwise in connection with or in relation to (whether directly or indirectly) the grant program.
(c) For the avoidance of doubt, each applicant:
  (1) participates in the grant program at its own risk and
  (2) is wholly responsible for its costs of applying for, participating in, or otherwise in connection with, the grant program.

6.4 Non-exhaustive

(a) These guidelines do not contain all the information that applicants may require in reaching decisions in relation to whether or not to submit an application. Applicants must form their own views as to what information is relevant to such decisions.
(b) Applicants must make their own independent investigations of the information contained or referred to in these guidelines. Applicants must obtain their own independent legal, financial, tax and other advice in relation to information in these guidelines, or otherwise made available to them, during the application process.

6.5 Disclaimer

(a) The State makes no warranty or representation express or implied and does not assume any duty of care to the applicants that the information in these Guidelines, or supplied in connection with the grant program (information) is accurate, adequate, current, suitable or complete, or that the Information has been independently verified.
(b) The State accepts no responsibility whether arising from negligence or otherwise (except a liability that cannot lawfully be excluded) for any reliance placed upon the Information or interpretations placed on the Information by applicants.

6.6 Intellectual property

(a) Any intellectual property rights that may exist in an application will remain the property of an applicant or the rightful owner of those intellectual property rights. Any part of an application considered to contain intellectual property rights should be clearly identified by an applicant.

(b) The applicant grants to the State (and will ensure relevant third parties grant) a non-exclusive, royalty free and irrevocable licence to use and reproduce the intellectual property for the purpose of administering the grant program.

6.7 Law

These guidelines are governed by the laws applicable in Queensland.

7.0 Glossary

Eligible Project Costs	Total Eligible Project Cost = Total Project Cost – Ineligible Costs and other Financial Contributions.
Project Funding Agreement	the Project Funding Agreement is the agreement under which the State commits to provide Project Funding to a Local Government recipient for a particular project (or group of projects). A Project Funding Agreement is comprised of the Head Funding Agreement and its general terms and conditions, and a Project Funding Schedule and its key details of the project.
Grant Program	2024-28 Local Government Grants and Subsidies Program
Guidelines	2024-28 Local Government Grants and Subsidies Program guideline (this document)
Head Funding Agreement	the agreement entered into between the State and a Local Government recipient that governs the relationship between the two entities and sets out the general terms and conditions under which the State will enter into funding arrangements.
Milestone Schedule	a schedule detailing dates upon which specified actions, deliverables, or payments, must be achieved. Milestones relevant to the funded project are set out in the Project Funding Schedule.
Minister	the Minister responsible for Local Government
Project	a project includes the entire scope of works identified in the application, e.g. for a construction project this may include such things as pre-construction activities (e.g. tendering), construction related activities and commissioning.
Project Funding	grant funds to be provided by the State under the grant program.
Project Funding Schedule	a separate agreement that sets out the detailed information about a specific project (or group of projects) approved for funding by the State., that together with the Head Agreement, becomes the “Project Funding Agreement” for the provision of project funding. It specifies the key details for a project including the amount of approved funding, the project description, the start and end dates of the funding and the milestone and reporting requirements.

Appendix 1 – Project names and descriptions guide

Project name

The project title should be short, descriptive and accurately sum up the proposed project.
Examples:

- 25 metre swimming pool, wading pool and change rooms.
- Replace water valves in the (town name) water reticulation system.
- Stage 1 of (town name) Street beautification works – town entry Statement, footpath improvements, seating, and shade structures.

Project description

The project description should accurately illustrate the works for which funding is being sought. It should leave the reader in no doubt as to the nature, extent and scope of the works being proposed.

Using the abovementioned projects, examples of appropriate project descriptions are:

> *The Council proposes to construct a new 25 metre swimming pool, toddler's wading pool and change rooms. The project will be constructed on a new Council owned 'green field' site. The swimming pool will be eight lanes wide, will have a ramp to allow access by mobility impaired people and be heated to allow use all year round. The wading pool will be approximately 12 metres x 10 metres in size, will be heated and will have shade structures. The change rooms will feature a kiosk, showers, change rooms and facilities for mobility impaired people. The proposed cost will include fencing, landscaping, and filtration systems. Note: the facilities' car park will be funded through Council's own revenue.*

> *Council proposes to replace the water valves in the (town name's) water reticulation system. There are 250 valves requiring replacement. Council has received quotes indicating 120 can be replaced for the $X Council wishes to allocate to the project – the final number will depend on market prices at the time of project commencement. The project is supported by the Queensland Department of Natural Resources and Water (see attached report – Section X).*

> *The Council proposes to commence Stage 1 of (town name) street beautification works. Stage 1 works will include: a new entry Statement sign welcoming visitors to the town; replacing the current footpaths with 'heritage look' pavers along X and Y streets (between A and B streets); seating and shade structures for pedestrians (the exact number of seats and shade structures will depend on budget – currently the Council is looking to install eight such structures in Stage 1 works).*

Project descriptions should be free of ambiguous language. Some examples:

Project description examples		
Word	**Example of Use**	**A better way to write this…**
Infrastructure	The funding is required for constructing infrastructure on the foreshore	Design and construction of fixed, covered picnic tables and chairs. Construction material to be confirmed but will probably be from concrete and timber. The items will be located on the foreshore at (location)
Works	The funding is required for works in the Council-owned playground	Purchase and installation of 'spider web' climbing structure and surrounding 'soft fall' area in the Council owned playgrounds at the following locations
Refurbish	The project will refurbish the visitor information centre	The project will involve repainting the interior and exterior of the visitor information centre, remove the old air

		conditioning system and replace it with a new air conditioning system, replace old 'not working' sliding windows and install a shade awning over the entrance
Acronyms	The project will install PAL at the aerodrome	Purchase and installation of Pilot Activated Lighting (PAL) at the (location Aerodrome). The estimated cost includes electrical connection works
Upgrade	The building will be upgraded	Upgrade of building – works will include but not be limited to: remove and replace old weatherboards, painting of entire building, remove and replace old / corroded guttering, remove and replace old wooden steps with low maintenance concrete steps
Increase	Replace the existing water pump to increase the flow rate	Replace the existing water pump to increase the flow rate above the current 10 litres per second. The final flow rate to be determined by investigations by the contractor

14 LIVEABILITY

14.1 LIBRARY SURVEY AND INFORMATION

File Number: **170424**

Author: **Regional Librarian**

Authoriser: **Chief Executive Officer**

PRECIS

South Burnett Libraries Community Survey 2024.

SUMMARY

This report contains a summary of responses received from the South Burnett Libraries Community Survey 2024.

OFFICER'S RECOMMENDATION

That South Burnett Regional Council note the report for information.

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FINANCIAL AND RESOURCE IMPLICATIONS

Nil

LINK TO CORPORATE/OPERATIONAL PLAN

EC5 Continue to support, renew and maintain pools, libraries, halls and Customer Service Centres across our region at agreed service levels.

COMMUNICATION/CONSULTATION (INTERNAL/EXTERNAL)

South Burnett Libraries Community Survey 2024 via Microsoft Forms.

LEGAL IMPLICATIONS (STATUTORY BASIS, LEGAL RISKS)

Nil

POLICY/LOCAL LAW DELEGATION IMPLICATIONS

Nil

ASSET MANAGEMENT IMPLICATIONS

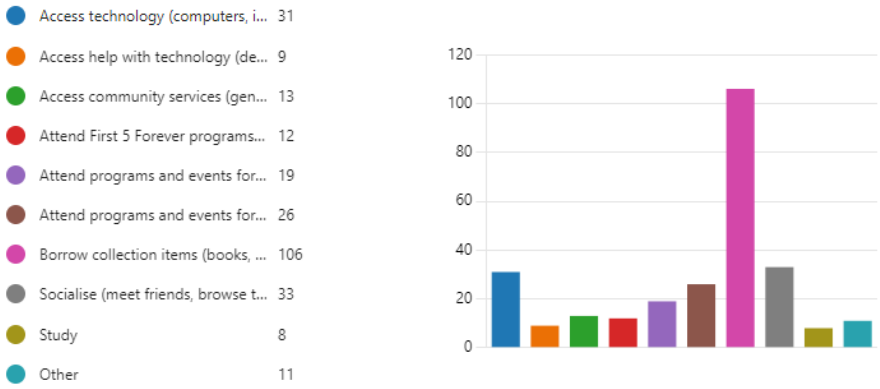
Nil

REPORT

As South Burnett Libraries are committed to monitoring the quality of services provided to the community, an online survey was developed and made available to members of the public from 3 – 30 June 2024. In total, 132 responses were received.

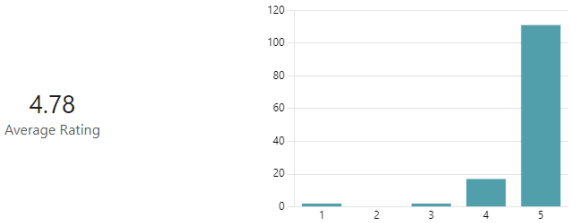
The anonymous survey asked a variety of questions in relation to use of the library service, including why members are visiting the library (to borrow items, attend programs or socialise etc.) and how often they visit their local library. As per the table below, 106 respondents indicated that they predominantly use the library to borrow items, whilst 33 visit to socialise (meet friends, browse the

collection or for quiet reading) and 31 access the technology provided, including the public access computers, internet, wi-fi and printing services.

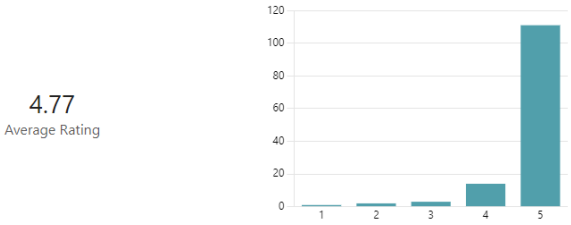


The survey also provided the opportunity for community members to rate a number of key library service areas from 1-5, including customer service, the collection, facilities, online services, programs and events and technology access. Out of the 10 main areas critiqued, customer service, facilities and the ad-hoc help with technology provided by staff rated the highest in terms of customer satisfaction:

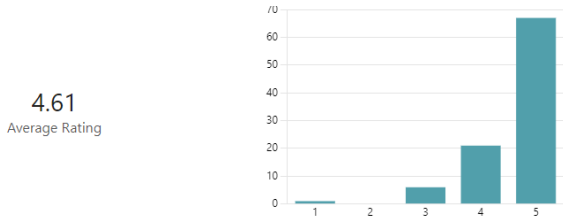
Customer Service



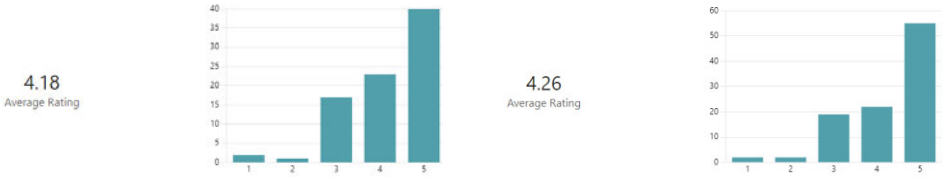
Facilities (attractive, clean, well presented)



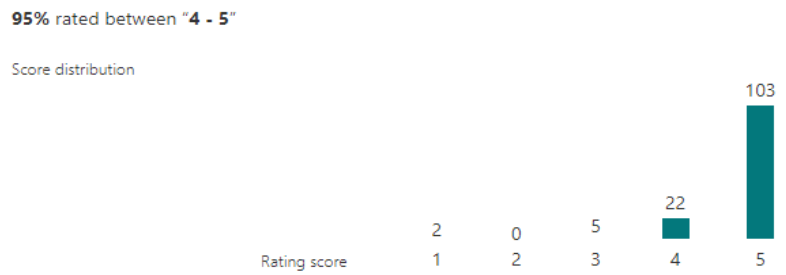
Technology Assistance (help from staff on an ad-hoc basis)



The survey also highlighted service areas that may need attention, with programs for children aged 6-12 receiving a score of 4.18 out of 5 and programs for adults receiving a score of 4.26 out of 5.



In addition to these ratings, respondents were asked to rate their overall experience with South Burnett Libraries, with the average rating coming in at 4.70 out of 5 with 95% of the 132 responses received rated between 4-5.



63 respondents also took the opportunity to supply anecdotal feedback about the library service, with the following comments received:

“I love my Council library!!”

“Good that we can use libraries in other towns when we need to. Staff are always helpful and friendly. It is a great service.”

“I very much appreciate our library in Blackbutt. I especially love being able to order books and getting an SMS when they are ready to collect.”

“The staff and all facilities at the Kingaroy Library are excellent. It is always such a pleasant experience when I visit.”

“Staff at Murgon Library are terrific.”

“Keep up the excellent service and a big thank you to the great library staff at Nanango who are always so friendly and helpful.”

“People are surprised when they walk into the Proston Library for the first time. It is quite amazing for a small village.”

“I am always impressed with the service and professionalism of all staff who come to Wondai.”

As part of reporting requirements to the State Library of Queensland, the overall satisfaction score will be supplied as part of the annual statistical return which is due in August 2024.

To continue monitoring the quality of services provided by South Burnett Libraries, a similar survey will be developed and made available for community members in June 2025.

ATTACHMENTS

Nil

14.2 ARTS, CULTURE AND HERITAGE ADVISORY COMMITTEE NOMINATIONS FOR COMMITTEE REPRESENTATIVES

File Number: **08-07-2024**

Author: **Coordinator Community Development**

Authoriser: **Chief Executive Officer**

PRECIS

That Council adopt the 2024 nominations for the Arts, Culture and Heritage Advisory Committee for the 2024/2026 period.

SUMMARY

Expressions of interest were called from members of public to become a representative on the Arts, Culture and Heritage Advisory Committee and closed on 25 June 2024.

Nominations were reviewed by the Cr. Danita Potter (Chair) and Cr. Jane Erkens (Deputy Chair) on Thursday, 4 July 2024 and were all deemed to be acceptable representatives as per the Arts, Culture and Heritage Advisory Committee Policy.

OFFICER'S RECOMMENDATION

That South Burnett Regional Council appoint the following individuals who have submitted a nomination as members to the Arts, Culture and Heritage Advisory Committee as per the Arts, Culture and Heritage Advisory Committee Policy.

- South Burnett Musical Comedy Society – Craig Reiger
- South Burnett Community Orchestra - Andrew Maddern
- Kingaroy Heritage Museum – Pam Kerr
- South Burnett Arts Inc – Robyn Dower
- Wondai Regional Art Gallery – Elaine Madill
- Community Representative – Tonita Penny
- Community Representative – Rob Fitz-Herbert

FINANCIAL AND RESOURCE IMPLICATIONS

To be delivered within budget allocation

LINK TO CORPORATE/OPERATIONAL PLAN

EC4 – Develop and implement a regionally themed Arts, Culture and Heritage Strategic Plan incorporating all communities.

GR5 - Continue to provide and investigate options to improve our arts, heritage, museums, visitor information centres and tourism infrastructure.

OPL/17 Finalise a South Burnett Regional Arts, Culture and Heritage Strategic Plan

COMMUNICATION/CONSULTATION (INTERNAL/EXTERNAL)

A media release was progressed seeking Expressions of Interest from interested community members to participate in the Advisory Group. The request for nominations was also advertised in the South Burnett newspaper, Council's social media and website and emailed to community organisation contacts.

LEGAL IMPLICATIONS (STATUTORY BASIS, LEGAL RISKS)

Nil Implications

POLICY/LOCAL LAW DELEGATION IMPLICATIONS

Nil Implications

ASSET MANAGEMENT IMPLICATIONS

Nil Implications

REPORT

As per Arts, Culture and Heritage Advisory Committee Policy, members of the advisory committee are to be appointed by Council resolution. Representatives will be appointed for a two (2) year term, commencing on 1 July and if appointed at any time after 1 July, the first year of their term will end on 30 June.

Representatives may be nominated at the end of the two year term to extend their appointment, however, no representative may serve more than two (2) consecutive two (2) year terms or a total of four (4) years.

Nominations were called from members of the public to become a representative on the Arts, Culture and Heritage Advisory Committee and closed on 25 June 2024. A media release was progressed seeking Expressions of Interest from interested community members to participate in the Advisory Group. The request for nominations was also advertised in the South Burnett newspaper, Council's social media and website and emailed to community organisation contacts.

Council has received seven (7) nominations to participate in the Arts, Culture and Heritage Advisory Committee from the following groups / individuals:

- South Burnett Musical Comedy Society – Craig Reiger
- South Burnett Community Orchestra - Andrew Maddern
- Kingaroy Heritage Museum – Pam Kerr
- South Burnett Arts Inc – Robyn Dower
- Wondai Regional Art Gallery – Elaine Madill
- Community Representative – Tonita Penny
- Community Representative – Rob Fitz-Herbert

Nominations were received and reviewed by the Cr. Danita Potter (Chair) and Cr. Jane Erkens (Deputy Chair) on Thursday, 4 July 2024 and were all deemed to be acceptable representatives as per the Arts, Culture and Heritage Advisory Committee Policy.

ATTACHMENTS

1. Arts__Culture_and_Heritage_Advisory_Committee_Policy___Statutory045 ⇩

SOUTH BURNETT REGIONAL COUNCIL

POLICY CATEGORY - NUMBER: Statutory045
POLICY OWNER: Community & Lifestyle

ECM ID: 2787778
ADOPTED: 15 May 2024

Arts, Culture and Heritage Advisory Committee Policy

NOTE: Council regularly reviews and updates its policies. The latest controlled version can be obtained from the Policy Register on Council's intranet or by contacting Council's Corporate, Governance & Strategy Branch. **A hard copy of this electronic document is considered uncontrolled when printed.**

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1. POLICY STATEMENT

This policy provides the framework that South Burnett Regional Council ('Council') to institute the setup of an Arts, Culture and Heritage Advisory Committee ('Committee') to support regional arts, culture, and heritage activity in the South Burnett region ('region') as a facilitator.

2. SCOPE

This policy applies to all members of the Committee.

The objectives of this policy are to:

- provide leadership to the sectors through advocacy, promotion and development / maintenance of Council's arts, cultural and heritage assets;
- identify and respond to community needs through strategic planning;
- assist with local coordination of art culture and heritage activities;
- assist in the stimulation of the arts, culture, and heritage-based enterprises;
- encourage collaboration across sectors;
- manage and display Council's art and heritage collections across its facilities; and
- assess Regional Arts Development Fund ('RADF') applications in accordance with Council's Community Grants Program Policy.

3. GENERAL INFORMATION

3.1. Duties and Responsibilities

Council's primary role in supporting the arts, culture and heritage activity in the region is as a facilitator.

3.2. Membership

Two (2) Councillors will be appointed to the Committee, one (1) who will perform the role of Chairperson and one (1) who will perform the role of Deputy Chairperson. Council can at any time appoint a stand-in or replacement member to the Committee.

- a maximum of six (6) representatives from service providers / agencies or organisations who have expertise and experience in the provision of arts, cultural and heritage in the region;

- a maximum of two (2) community representatives with an interest in the provision of arts, culture, and heritage in the region. Representation may also be considered cross industry representation such as tourism, infrastructure, economic development, natural resource management and sport and recreation;
- membership selection to include consideration of arts and culture sectors and ensure diversity and geographical spread.

Council's Chief Executive Officer ('CEO') and General Manager Liveability are appointed to the Committee as ex-officio members. Council's Community Development branch may be invited to provide advice and feedback to the Committee as appropriate and at the discretion of the CEO.

Committee members will be appointed for a two (2) year term, commencing on 1 July each year and if appointed at any time after 1 July, the first year of their term will end on 30 June.

Committee members may be nominated at the end of the two-year term to extend their appointment, however no Committee member may serve more than two (2) consecutive two (2) year terms or a total of four (4) years.

Council can at any time appoint a proxy or replacement members to the Committee.

Committee members acknowledge a commitment to participation on the Committee and must actively engage in the proceedings and business including attending meetings and responding to requests for comment.

3.3. Meetings

- the chairperson may determine the dates, times, and places for the Committee's meetings;
- the Committee meetings will be held quarterly on rotation with the meeting minutes and recommendations reported to Council at the Ordinary meeting.
- based on current priorities, grant funding opportunities or alike, the Committee may meet more regularly depending on current priorities and demand, and will meet at a minimum of four (4) times a year;
- the agenda will be prepared and circulated among Committee members and attendees at least five (5) days prior to the meeting;
- the Committee may collectively decide to invite other Council officers, elected representatives, guest speakers or relevant bodies or attendees to participate in Committee meetings and provide further information as necessary;
- a quorum shall consist of at least half of the members of the Committee plus one (1);
- Council shall provide secretarial functions and prepare a written report about the recommendations the Committee may make representation to Council about;
- the CEO shall present the report to Council at the next available Ordinary meeting;
- Council may nominate agenda items for the Committee meeting's agenda, and may specifically request feedback or stakeholder input from the Committee with regards to a specific topic or matter; and
- Council may submit agenda items or discussion topics to the Committee meeting for consideration and response by the Committee members.

3.4. Ethical Conduct

Committee members must exercise transparency, integrity, honesty, objectivity, and ethical conduct in the fulfilment of their duties and responsibilities. Committee members must ensure confidentiality, exercise prudence, care, and due diligence in the handling of Council and personal information acquired in the course of their duties.

Committee members must immediately declare to the chairperson any interest that may represent a real, potential or apparent conflict of interest related to their Committee membership. In case of a conflict of interest involving the chairperson, declaration to the CEO is required. The declaration must be made on appointment to the Committee and in relation to specific agenda items at the outset of

each Committee meeting and be updated as necessary.

3.5. Committee Evaluations

The Committee will conduct an annual self-assessment to evaluate its performance and ensure the efficient and effective achievement of objectives. The assessment will confirm that all duties and responsibilities indicated in these terms of reference have been performed. The chairperson will take necessary action to ensure that enhancements and recommendations highlighted in the assessment are properly implemented.

4. DEFINITIONS

Council means South Burnett Regional Council.

5. LEGISLATIVE REFERENCE

Code of Conduct for Councillors in Queensland

Crime and Corruption Act 2001 (Qld)

Local Government Act 2009 (Qld)

Local Government Regulation 2012 (Qld)

6. RELATED DOCUMENTS

South Burnett Regional Council Arts, Culture and Heritage Policy – Strategic 009

South Burnett Regional Council Community Grants Program Policy – Strategic005

South Burnett Regional Council Conduct of Council & Committee Meetings Policy – Statutory 017

South Burnett Regional Council Employee Conflict of Interest Policy – Statutory 033

South Burnett Regional Council Employee Code of Conduct Policy – Statutory 011

South Burnett Regional Council Fraud and Corruption Prevention Management Policy – Statutory 021

7. NEXT REVIEW

As prescribed by legislation or May 2026

8. VERSION CONTROL

Version	Revision Description	Adopted Date	ECM Reference
1	Development and Adoption	24 March 2021	2787778
2	Administrative amendment – organisational structure review – resolution 2022/432	27 April 2022	2787778
3	Review of policy	14 December 2022	2787778
4	Review of policy	15 May 2024	2787778

Mark Pitt PSM
CHIEF EXECUTIVE OFFICER

Date: 15 May 2024

14.3 IN-KIND SUPPORT - KINGAROY CHRISTMAS CARNIVAL 2024.

File Number: **17.07.2024**

Author: **Executive Assistant Liveability**

Authoriser: **Chief Executive Officer**

PRECIS

In-Kind support for the 2024 Kingaroy Christmas Carnival.

SUMMARY

Council has received correspondence from the Kingaroy Christmas Carnival Committee requesting In-Kind assistance towards their 2024 event. The request for assistance exceeds the limits in which In-Kind is recognised in the Community Grants Program Policy.

The Committee are seeking In-Kind support for the following: -

- Traffic Management Plan (TMP).
- Road signage and barricading as needed by TMP.
- 1 X Skip Bin.
- 30 X Wheelie Bins.
- 2 X Gazebos.
- 200 X Chairs.
- Delivery of the above items to Glendon Street on Thursday 12 December 2024.
- Above Items to be pick up on Friday 31 December 2024.
- Glendon Street toilet block to remain unlocked until the end of the evet.
- Street Sweeper on Friday morning 13 December 2024 to clean all areas.
- Skip Bin to be deliver to the rear o the Town Hall.
- To close off and include the unnamed laneway on the southern side of the town hall (library side), to extend from Glendon Street to the end of the town hall building.
- To close off the roadway in Circular Place, so no cars can enter or exit this area, for safety reasons.

OFFICER'S RECOMMENDATION

That South Burnett Regional Council approve the requested In-Kind assistance to the 2024 Kingaroy Christmas Carnival subject to available resources including assistance with the TMP to be prepared after Community Engagement with the surrounding and affected businesses.

FINANCIAL AND RESOURCE IMPLICATIONS

Services will be provided by a combination of Council staff and external contractors. Provision of the requested In-Kind support is expected to cost in the vicinity of $7000.

LINK TO CORPORATE/OPERATIONAL PLAN

Core Activities

EC16 Support community development and wellbeing through delivery of Council's Community Grants programme

COMMUNICATION/CONSULTATION (INTERNAL/EXTERNAL)

Kingaroy Christmas Carnival Committee have meet with Council representatives to outline the in-kind requests.

Community consultation and advertising will be required to advise the community of proposed closures.

LEGAL IMPLICATIONS (STATUTORY BASIS, LEGAL RISKS)

Road closure will be undertaken in accordance with legislative requirements. Services requests are to be provided in line with core business activities.

POLICY/LOCAL LAW DELEGATION IMPLICATIONS

The request of assistance exceeds the limits in which In-Kind is recognised in the Community Grant Program Policy, therefore the request is presented to Council for approval.

ASSET MANAGEMENT IMPLICATIONS

N/A

REPORT

Council has received correspondence from the Kingaroy Christmas Carnival Committee requesting In-Kind assistance towards their 2024 event. The request for assistance exceeds the limits in which In-Kind is recognised in the Community Grants Policy Program.

ATTACHMENTS

1. **Kingaory Christmas Carnival In-Kind Sponsorship application**
2. **Email from Jason Olsen**
3. **Area requested for Kingaroy Christmas Carnival**
4. **Notification of Road Closure for Events**
5. **Use of Council Parkland-Reserve Land**

SOUTH BURNETT REGIONAL COUNCIL

CEO APPROVED FORM: 2995179
Version 7 – February 2023
Liveability – Community & Lifestyle

Community Grants Program – In-Kind Sponsorship

Application Form

PRIVACY COLLECTION NOTICE: South Burnett Regional Council collects your personal information for the purpose of processing this form and for use in any Council matters. Your personal information is handled in accordance with the *Information Privacy Act 2009* and will only be disclosed to a third party as per the South Burnett Regional Council Information Privacy Policy. **A hard copy of this electronic document is considered uncontrolled when printed.**

- **This is a cover sheet and summary. Attachments are required.**
- **You must provide Council with a minimum of four (4) weeks' notice for requested services.**
- **All In-Kind Services provided by Council are dependent on operational priorities, availability or resources and overall annual budget allocation.**
- **Applications can be made throughout the financial year.**

Grant program

In-Kind Sponsorship up to $2000	Quantity required (if applicable)
☑ Supply of gazebo marquee imprinted with Council's branding	2 - 3x6m
☐ Supply of minor works	
☑ Supply of road signage and barriers	As Required Per TMP
☑ Supply of skip bins (Council only has 10m3 skip bins)	1
☑ Supply of wheelie bins	30
☐ Supply of trestle tables	
☑ Supply of chairs	200

Applicant/Organisation

Organisation name	Kingaroy Christmas Carnival	
Name of contact person	[redacted]	
Postal address		
Contact phone		
Mobile		
Email address		
Website address (If applicable)		
Is your organisation non-profit?	☒ Yes	☐ No
What year was your organisation established?		
How many members does your organisation have?	8	
Approximately how many people access your organisation facilities/services annually?	2500	

Activity/Event	
Describe the Activity/Event why funding is requested	
Activity/event name	KINGAROY CHRISTMAS CARNIVAL
Short description	CHRISTMAS CARNIVAL FOR RESIDENTS OF KINGAROY & SURROUNDING AREAS - WITH CARNIVAL RIDES & FOOD ALSO TWILIGHT MARKETS
How will this activity/event benefit the community?	CHRISTMAS
Start/End date of activity/event commencement of project	
Start date: 12-12-24	End date: 12-12-24
What In-Kind is required? (Please list in detail what is required)	
ROAD SIGNAGE & BARRICADES - TO BE DETERMIND BY TMP BINS - WHEELIE & SKIP SKIP BIN TO BE PLACED AT REAR OF TOWN HALL	
Are the above items requested to be delivered and collected?	
☒ Yes ☐ No	
Delivery address	GLENDON ST KINGAROY
Delivery date	12-12-24
Collection date	13-12-24
Contact name on site	[redacted]
Location – Must be within the boundaries of the South Burnett Regional Council area	
Physical address (site of activity/event)	GLENDON ST KINGAROY
TOWN HALL FORECOURT SIDE OF THE TOWN HALL (SOUTHERN).	
Supporting documents – Please attach all requested supporting documents as these are mandatory for assessment.	
☒ I have not applied for other funding in the Community grants program for this activity/event in this financial year.	
☒ Financial statements (most recent)	
☐ Other relevant supporting documentation (please list)	
1.	
2.	
3.	
Please note: The above documents help to demonstrate the need and benefit to the Community.	

Certification – To be signed by an Executive member of the Organisation

☒ I certify to the best of my knowledge that the statements made in this application are true and correct.

☒ I understand that approval of support is subject to a signed agreement between the South Burnett Regional Council and the applicant.

☒ I understand that the South Burnett Regional Council does not accept any liability or responsibility for the supported project/event and that it is the responsibility of the applicant to provide the appropriate insurance cover.

☒ I agree the activity/event summary and financial report (acquittal) will be supplied (including a copy of all required receipts) within six (6) weeks of completion.

Given name	[redacted]
Executive Position held	
Signature	

Lodgement of application

Applications must be postmarked or received by Council prior the closing date advertised.

Please refer to Council's Community Grants Policy or contact Council for further information.

Please return your completed form to the following address, or email info@sbrc.qld.gov.au
for enquiries, please contact (07)4189 9100
South Burnett Regional Council
PO Box 336, Kingaroy Qld 4610

Denise King

From: [redacted]
Sent: Tuesday, 25 June 2024 4:45 PM
To: Council Information General Email Account; Denise King
Subject: [EXTERNAL] Kingaroy Christmas Carnival
Attachments: 20171109063447_001.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Please be cautious
This email originated outside of SBRC..

To South Burnett Reginal Council,

Kingaroy Christmas Carnival Committe are seeking Council funding for the 2024 carnival as the amount requested is above the $2500 limit of the Community Grants Program.

We are seeking the following.
1 Traffic Management Plan in the past conducted by South Burnett Traffic Control and Security under direction from SBRC
2 Road signage and barricading as needed by TMP
3 Skip bin (one) wheelie bins 30
4 Portable shade shelters Gazebos 6*3m two of
5 Chairs 200
6 Delivery of above items to Glendon St on Thursday the 12th of December 2024 and collection on 13th of December 2024
7 Glendon St public toilet block to remain unlocked until the end of the event
8 At council discretion the services of the street sweeper on Friday morning the 13th of December

We have been advised that all though all of these were kindly supplied in 2023 by SBRC excluding the street sweeper the amount of $5000 is well above the $2500 limit of the Community Grants Program

We are also seeking to extend the area of use due to the popularity of this event to include the unnamed laneway on the southern side of the town hall (library side) to extend from Glendon St to the end of the town hall building. We will in our planning include extra lighting in this area.

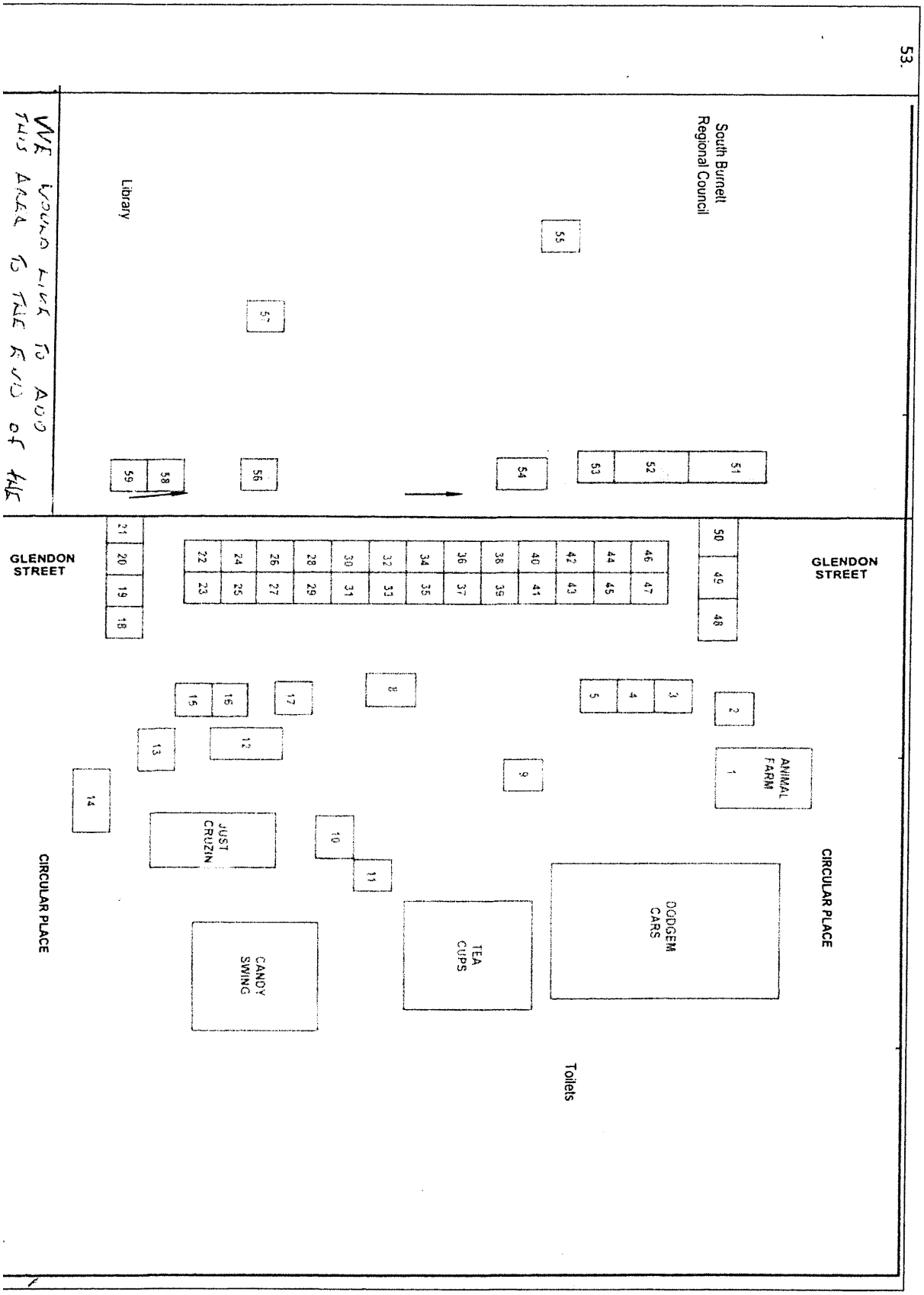
Please find attached the
Notification of Road Closure form
Council Parkland/ Reserved land and proposed Map.
as well as the Community Grants Program - In Kind Sponsorship.

Other supporting documents will be supplied closer to the date of the event (proof of Public Liability insurance and Bank Statements)
Qld Police Road closure permit will be submitted in November as par their request

Thank you

[redacted]

1


53.
WE WOULD LIKE TO ADD THIS AREA TO THE END OF THE
Library
South Burnett Regional Council
55
57
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52
51
GLENDON STREET
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49
48
GLENDON STREET
16
15
17
8
5
4
3
2
13
12
9
1
ANIMAL FARM
14
JUST CRUZIN
10
11
CIRCULAR PLACE
DODGEM CARS
CIRCULAR PLACE
TEA CUPS
CANDY SWING
Toilets

SOUTH BURNETT REGIONAL COUNCIL

CEO APPROVED FORM: ID 2872987
Version 8 – May 2022
Infrastructure - Infrastructure Planning

Notification of Road Closure for Events

PRIVACY COLLECTION NOTICE: South Burnett Regional Council collects your personal information for the purpose of processing this form and for use in any Council matters. Your personal information is handled in accordance with the *Information Privacy Act 2009* and will only be disclosed to a third party as per the South Burnett Regional Council Information Privacy Policy. **A hard copy of this electronic document is considered uncontrolled when printed.**

Requirements for letter of "No Objection / Approval" process

☒ The applicant is to approach Queensland Police Service at least 30 days prior to the proposed closure in preparation for the permit (this can be done in conjunction with Council's "Notification of Road Closure for Events")

☒ Council's form should be submitted at least 30 days prior to the proposed closure

☒ Council reviews this notification & the Traffic Management Plan ('TMP') and if all requirements are satisfactory, Council will issue a "Letter of No Objection". The Council "Letter of No Objection" is to be taken to the Queensland Police Service for inclusion with their "Permit for the Road Closure".

Applicant/s details

Given/Surname	[redacted]
	KINGAROY CHRISTMAS CARNIVAL
Address	[redacted]
Contact phone	
Given/Surname	

Closure details

Road Name	GLENDON ST / CIRCULAR PLACE / UNNAMED LANEWAY.			
Closure location (i.e., house number, Intersection)	GLENDON ST FROM SHARED ZONE SOUTH TO ALFORD ST. CIRCULAR PLACE END TO END LANE WAY BESIDE TOWN HALL (LIBRARY TO END OF BUILDING.			
Reason for closure	COMUNITEE CHRISTMAS CARNIVAL.			
Date of closure	Start Date	12.12.24	End Date	12.12.24
Hours of closure	Start time	5.00 AM	End time	12.00 PM.
Further information	PLEASE SEE ATTACHED EMAIL.			

Traffic Management Plan ('TMP')

Please note: TMP must be attached

All signage within the TMP is to be in accordance with the requirements of the latest version of the "Manual of Uniform Traffic Control Devices (Part 3)".

A copy of the "Permit for Road Closure" and the TMP is to be kept on site at all times during the period of the work.

Office Use Only – Infrastructure Planning

Date received		Application number	

SOUTH BURNETT REGIONAL COUNCIL

CEO APPROVED FORM:ID 2912226
Version 3 – February 2023
Community – Facilities and Parks

Use of Council Parkland / Reserve Land

PRIVACY COLLECTION NOTICE: South Burnett Regional Council collects your personal information for the purpose of processing this form and for use in any Council matters. Your personal information is handled in accordance with the *Information Privacy Act 2009* and will only be disclosed to a third party as per the South Burnett Regional Council Information Privacy Policy. **A hard copy of this electronic document is considered uncontrolled when printed.**

Applications must be submitted a minimum of 14 business days prior to the event

Applicant/s details

Company name	KINGAROY CHRISTMAS CARNIVAL
Given/Surname	[redacted]
Address	
Contact phone	
I/We declare the information	
Date	

Event details

Name of park or reserve	DR ELLEN HUGHES FORECOURT		
Street address of park / reserve	GLENDON ST KINGAROY		
Type of function	KINGAROY CHRISTMAS CARNIVAL		
Name of event	KINGAROY CHRISTMAS CARNIVAL	Approx. number attending	2500
Dates required	12-12-24		
Start time	☐ am ☐ pm	Finish time	☐ am ☐ pm
Access to power required?	☒ Yes ☐ No	Access to water required?	☐ Yes ☒ No
Will food / drink vendors be engaged for this event?			☐ Yes ☐ No

If yes, please ensure a current or temporary food licence has been granted by South Burnett Regional Council.

Attachments required for event

☑ Copy of Public Liability Insurance ☑ Details sketch plan clearly showing a plan of the proposed area

No approval will be granted if the above documentation has not been provided with application.

Lodgement

Please return your completed form to the following address, or email info@sbrc.qld.gov.au
for enquiries, please contact (07)4189 9100
South Burnett Regional Council
PO Box 336, Kingaroy Qld 4610

Office Use Only

Application approved	☐ Yes ☐ No		
Date		Signature	

14.4 TRUSTEE LEASE - WONDAI DISTRICT CRICKET CLUB INC

File Number: **17-07-2024**

Author: **Lease Officer**

Authoriser: **Chief Executive Officer**

PRECIS

The Wondai District Cricket Club Inc. have requested a Trustee Lease of part of the Wondai Sports Grounds.

SUMMARY

The Wondai District Cricket Club Inc. (the Club) have requested a Trustee Lease of Area A of the Wondai Sports Grounds located on Lot 156 on FY809991.

OFFICER'S RECOMMENDATION

That South Burnett Regional Council:

1. In accordance with section 236(1)(b)(ii) of the *Local Government Regulation 2012* applies to disposal of a valuable non-current asset by way of entering a trustee lease on Area A for part of Lot 156 on FY809991, to the Wondai District Cricket Club Inc. for a term of 10 years.
2. Pursuant to section 257(1)(b) of the *Local Government Act 2009*, South Burnett Regional Council delegates to the Chief Executive Officer the power to negotiate, finalise and execute the trustee lease with the Wondai District Cricket Club Inc. on terms considered satisfactory to Council.

FINANCIAL AND RESOURCE IMPLICATIONS

Rent for the lease will be a concessional rent applied to all community and not for profit groups of $75.00 per year (excluding GST).

Council will be responsible for any costs associated with the preparation of the lease including registration of the Trustee Lease.

LINK TO CORPORATE/OPERATIONAL PLAN

IN10: Investigate options for leasing opportunities to not-for-profit groups and organisations.

COMMUNICATION/CONSULTATION (INTERNAL/EXTERNAL)

The Club contacted Council seeking landowners' consent to apply to the Minor Infrastructure and Inclusive Facilities Fund to upgrade the amenities on the grounds. Council provided landowner's consent on the provision that the Club enter a trustee lease to secure tenure.

LEGAL IMPLICATIONS (STATUTORY BASIS, LEGAL RISKS)

The land is a Reserve for Recreation with Council as the Trustee. The proposed Trustee Lease complies with the requirements of section 7(2) of Land Regulation 2020.

An offer of a Trustee Lease to a community group is in accordance with *section 236(1)(b)(ii) of Local Government Regulation 2012.*

POLICY/LOCAL LAW DELEGATION IMPLICATIONS

Offering of a Trustee Lease is in accordance with Council's Property Lease Policy and Disposal of Assets Policy.

ASSET MANAGEMENT IMPLICATIONS

Wondai District Cricket Club Inc. (the Club) will be responsible for the maintenance and repairs to the property including slashing and mowing the grounds, vermin control and noxious weed control.

In 2018, with approval from Council the practice nets were moved from Area D to Area A, the Club will continue to maintain the pitch, fields, storage shed, fencing, portable grandstands and flood lights.

REPORT

RDP: Lot 156 on FY809991

Land Address: 14064 Bunya Highway, Wondai

Area: 9.362

Tenure: Reserve for Recreation

Trustee: South Burnett Regional Council

Trustee Lease: Area A

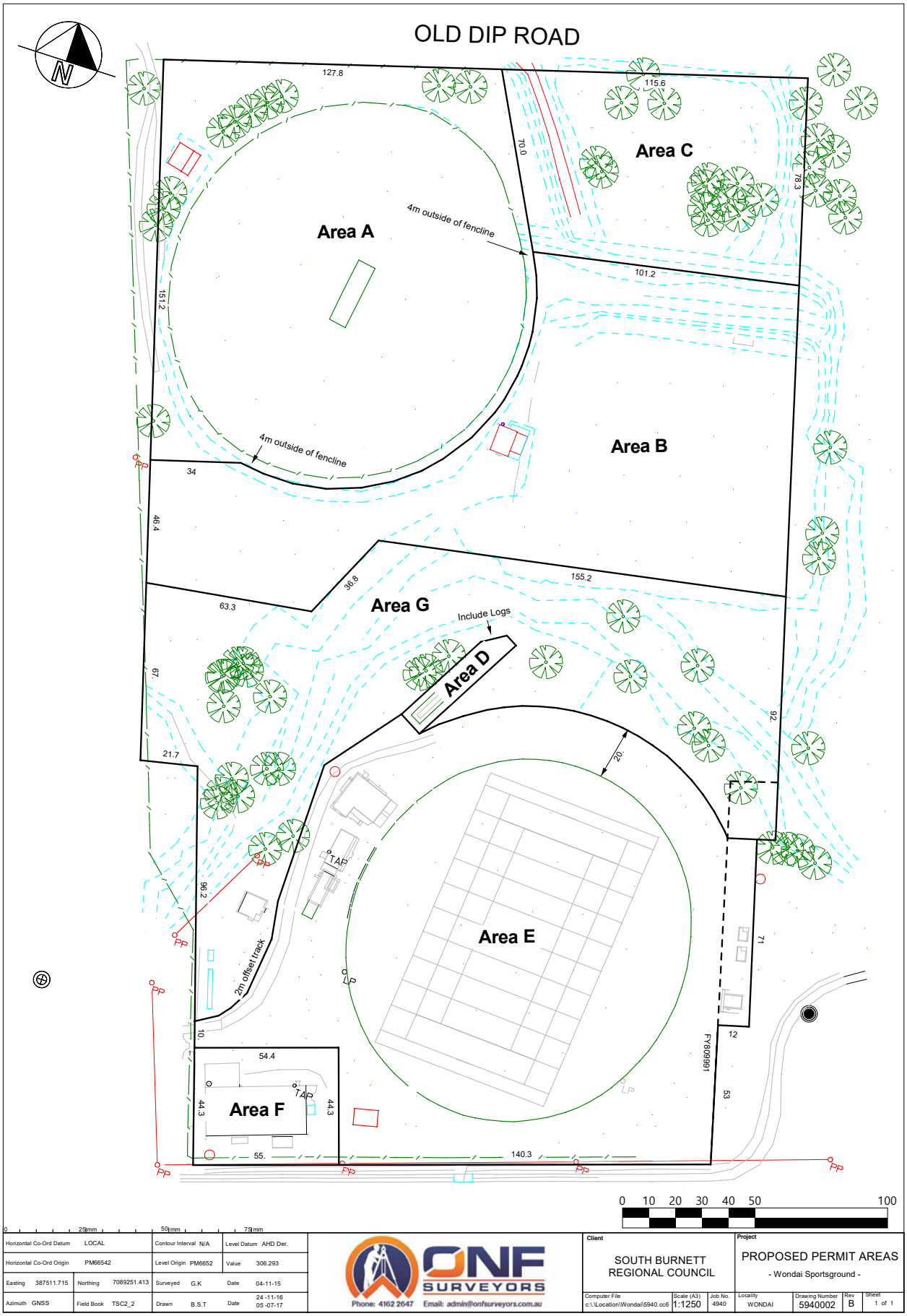
Background:

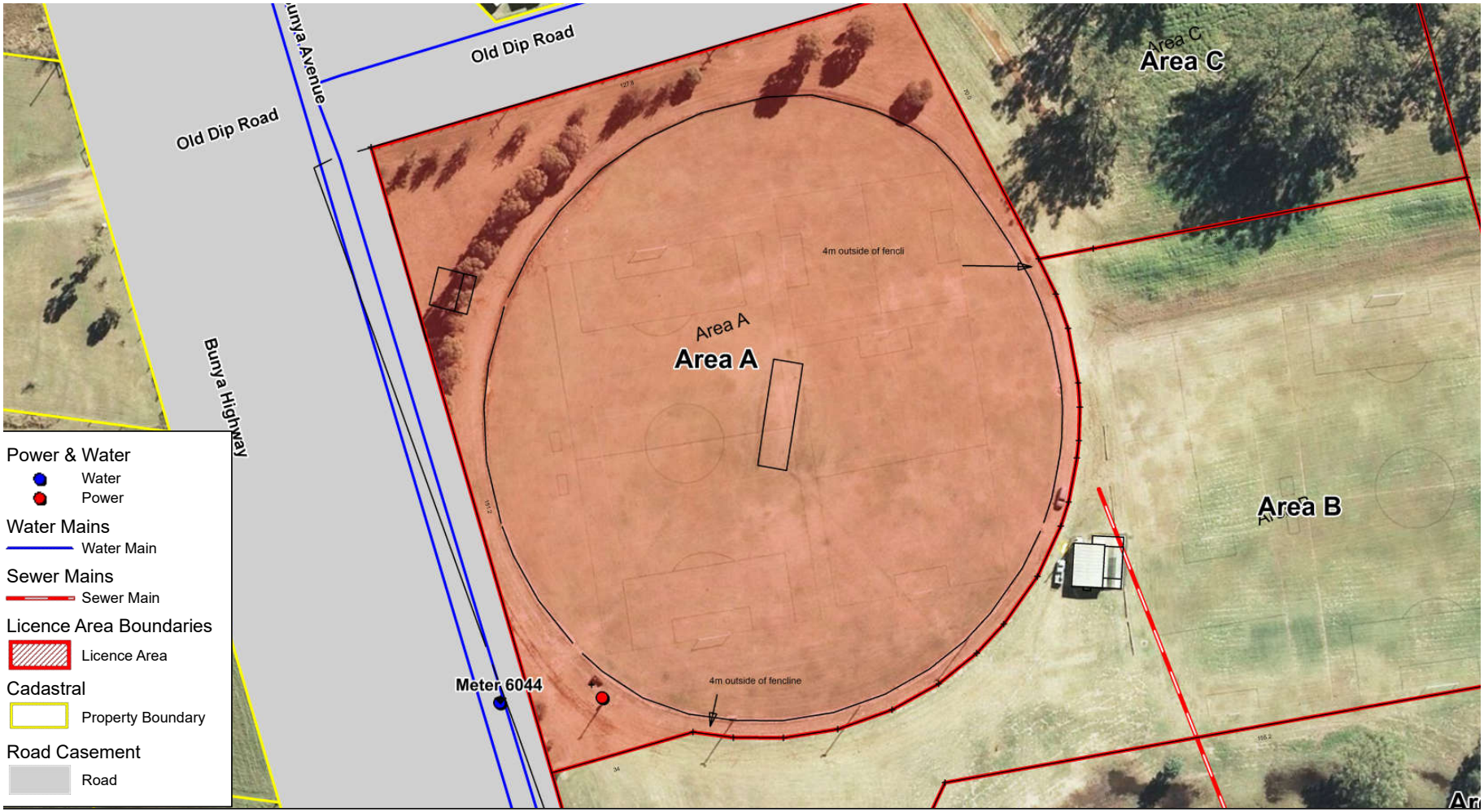
The Wondai District Cricket Club Inc. (the Club) have been situated on the grounds at the Wondai Sports Grounds without formal tenure. Council has been in discussion with the Club over the years to enter into a formal tenure/lease agreement.

Council has provided landowners consent to construct amenities under the provision of formalising tenure. The Club has also been in discussion with the Barambah United Football Club Inc. to share the amenities on Area B.

ATTACHMENTS

1. **Lease/Licence Areas - Wondai Sports Grounds**
2. **Area A - Cricket Field - Wondai Sports Grounds**


OLD DIP ROAD
Area A
Area B
Area C
Area D
Area E
Area F
Area G
4m outside of fencline
4m outside of fencline
Include Logs
2m offset track
127.8
115.6
70.0
78.3
101.2
151.2
34
46.4
155.2
36.8
63.3
67
21.7
92
20.
98.2
71
12
53
140.3
55.
54.4
44.3
44.3
10
FY8099991
TAP
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LP
0 10 20 30 40 50 100
Horizontal Co-Ord Datum LOCAL
Contour Interval N/A
Level Datum AHD Der.
Horizontal Co-Ord Origin PM66542
Level Origin PM6652
Value 306.293
Easting 387511.715
Northing 7089251.413
Surveyed G.K
Date 04-11-15
Azimuth GNSS
Field Book TSC2_2
Drawn B.S.T
Date 24-11-16 05-07-17
ONF SURVEYORS
Phone: 4162 2647 Email: admin@onfsurveyors.com.au
Client
SOUTH BURNETT REGIONAL COUNCIL
Project
PROPOSED PERMIT AREAS
- Wondai Sportsground -
Computer File c:\Location\Wondai\5940.cc6
Scale (A3) 1:1250
Job No. 4940
Locality WONDAI
Drawing Number 5940002
Rev B
Sheet 1 of 1



GDA

True North, Grid North and Magnetic North are shown diagramaticlly for the centre of the Hervey Bay Local Government Area. Magnetic North is correct for 2001 moving easterly by 0.04° in about five years.

Important

This map was produced on the GEOCENTRIC DATUM OF AUSTRALIA 1994 (GDA94), which has superseded the Australian Geographic Datum of 1984 (AGD66/84). Heights are referenced to the Australia Height Datum (AHD) heights.

For most practical purposes GDA94 coordinates and satellite derived (GPS) coordinates based on the World Geodetic Datum 1984 (WGS84) are the same.

GN TN MN

Grid - Magnetic 10.5°

SOUTH BURNETT REGIONAL COUNCIL

Customer Contact: Ph (07) 4189 9100

Drawn By : Amy King

Department : Information Services

Date : 03-03-2017

Projection : MGA94 Zone 56

Important Notice!

This information has been prepared for Council's internal purposes and for no other purpose. No statement is made about the accuracy or suitability of the information or use for any purpose (whether the purpose has been notified to Council or not). While every care is taken to ensure the accuracy of this data, neither the South Burnett Regional Council nor State or Federal Government Departments makes any representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaims all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damage) and costs which you might incur as a result of the data being inaccurate or incomplete in any way or for any reason.

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© South Burnett Regional Council 2008.

Licence Area A
Wondai Sportsground

14.5 TRUSTEE LEASE - BARAMBAH UNITED FOOTBALL CLUB

File Number: **17-07-2024**

Author: **Lease Officer**

Authoriser: **Chief Executive Officer**

PRECIS

The Barambah United Football Club Inc. have requested a Trustee Lease of part of the Wondai Sports Grounds to secure tenure.

SUMMARY

The Barambah United Football Club Inc. (the Club) have requested a Trustee Lease of Areas B and C of the Wondai Sports Grounds located on Lot 156 on FY809991.

OFFICER'S RECOMMENDATION

That South Burnett Regional Council:

1. In accordance with section 236(1)(b)(ii) of the *Local Government Regulation 2012* applies to disposal of a valuable non-current asset by way of entering a trustee lease on Area B & C for part of Lot 156 on FY809991, to the Barambah United Football Club Inc. for a term of 10 years.
2. Pursuant to section 257(1)(b) of the *Local Government Act 2009*, South Burnett Regional Council delegates to the Chief Executive Officer the power to negotiate, finalise and execute the trustee lease with the Barambah United Football Club Inc. on terms considered satisfactory to Council.

FINANCIAL AND RESOURCE IMPLICATIONS

Rent for the lease will be a concessional rent applied to all community and not for profit groups of $75.00 per year (excluding GST).

Council will be responsible for any costs associated with the preparation of the trustee lease including registration and any survey requirements.

LINK TO CORPORATE/OPERATIONAL PLAN

IN10: Investigate options for leasing opportunities to not-for-profit groups and organisations.

COMMUNICATION/CONSULTATION (INTERNAL/EXTERNAL)

The Club contacted Council seeking landowners' consent to apply to the Minor Infrastructure and Inclusive Facilities Fund to upgrade the amenities on the grounds. Council provided landowner's consent on the provision that the Club enter a trustee lease to secure tenure.

LEGAL IMPLICATIONS (STATUTORY BASIS, LEGAL RISKS)

The land is Reserve for Recreation with Council as Trustee. The proposed Trustee Lease complies with the requirements of section 7(2) of Land Regulation 2020.

An offer of a Trustee Lease to a community group is in accordance with *section 236(1)(b)(ii) of Local Government Regulation 2012.*

POLICY/LOCAL LAW DELEGATION IMPLICATIONS

Offering of a Trustee Lease is in accordance with Council's Property Lease Policy and Disposal of Assets Policy.

ASSET MANAGEMENT IMPLICATIONS

Barambah United Football Club Inc. (the Club) will be responsible for the maintenance and repairs to the property including slashing and mowing the grounds, vermin control and noxious weed control.

The Club has been successful with their application to the Minor Infrastructure and Inclusive Facilities Fund with the Department of Tourism & Sport to upgrade their amenities on the grounds. The Club is responsible for the asset and any improvements. The Club has also requested for Council to project manage the amenities upgrade, a future report will be prepared for this request after direction from relevant officers has been received.

REPORT

RDP: Lot 156 on FY809991

Land Address: 14064 Bunya Highway

Area: 9.362 ha

Tenure: Reserve for Recreation

Trustee: South Burnett Regional Council

Trustee Lease: Area B & C

Background:

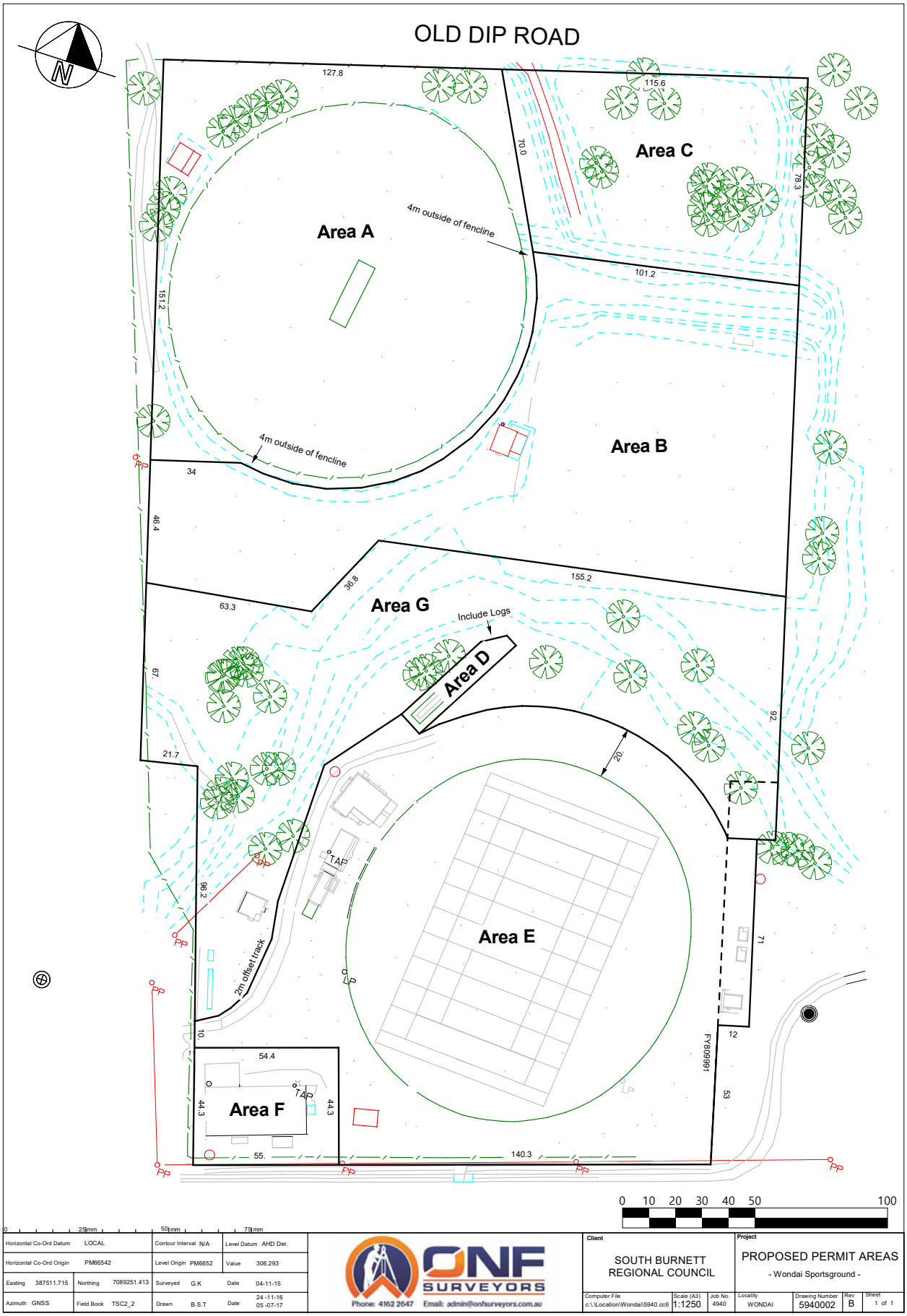
The Barambah United Football Club Inc. (the Club) have been situated on the Wondai Sports Grounds since 2014 with no formal tenure/lease of the area. Council has been in discussion with the Club over the years to enter into a formal tenure/lease agreement.

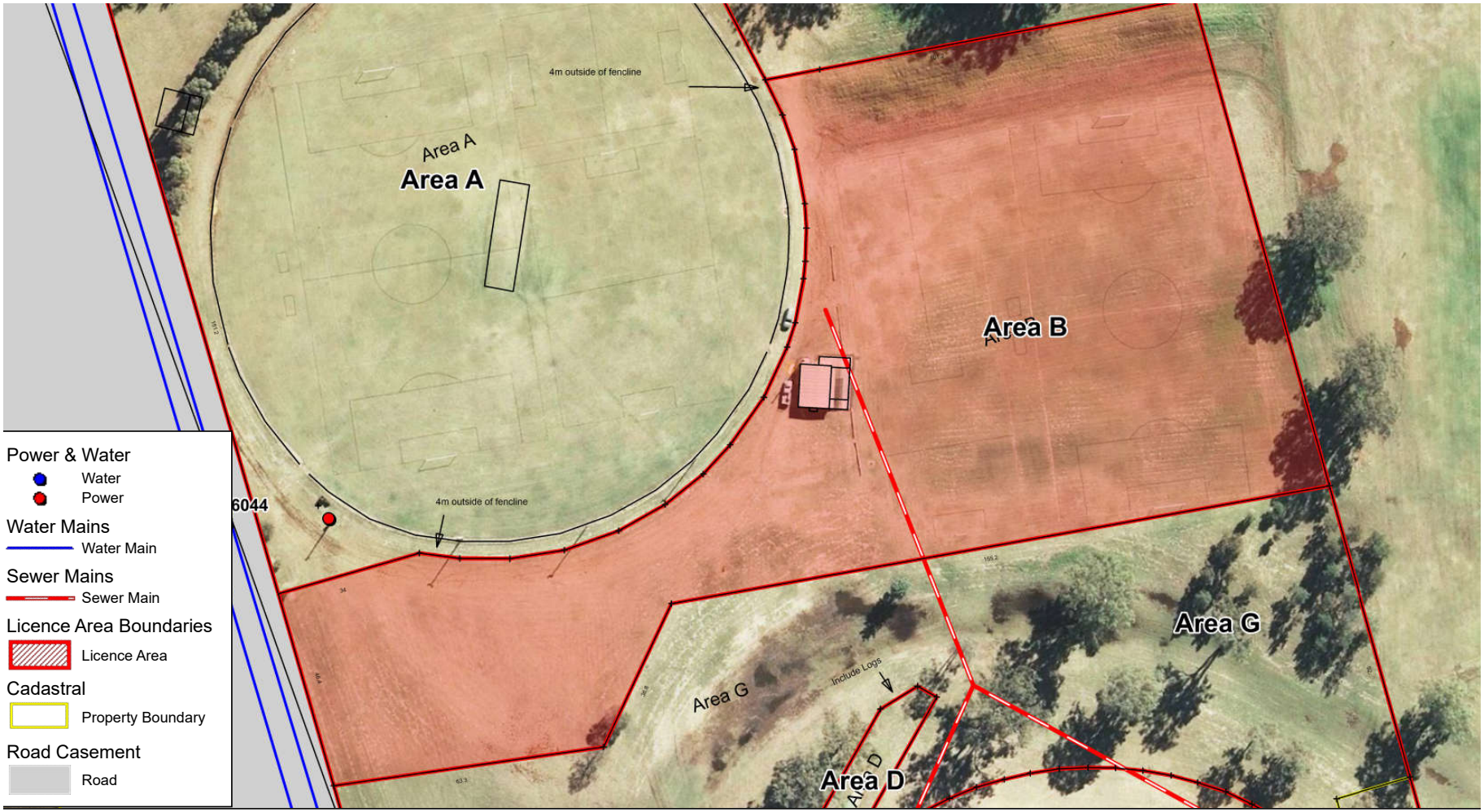
Council has provided landowners consent to upgrade the amenities under the provision of formalising tenure.

The Club holds soccer training and games on the grounds for children and adults with both men's and women's teams.

ATTACHMENTS

1. **Lease/Licence Areas - Wondai Sports Grounds** ⇩
2. **Area B - Soccer Fields & Amenities - Wondai Sports Grounds** ⇩
3. **Area C - Temporary carparking for match and training days** ⇩


OLD DIP ROAD
Area A
Area B
Area C
Area D
Area E
Area F
Area G
4m outside of fencline
4m outside of fencline
Include Logs
2m offset track
127.8
115.6
70.0
78.3
101.2
151.2
34
46.4
155.2
36.8
63.3
67
21.7
92
20.
98.2
71
12
53
140.3
55.
54.4
44.3
44.3
10
FY8099991
TAP
TAP
PP
PP
PP
PP
PP
PP
LP
0 10 20 30 40 50 100
Horizontal Co-Ord Datum LOCAL
Contour Interval N/A
Level Datum AHD Der.
Horizontal Co-Ord Origin PM66542
Level Origin PM6652
Value 306.293
Easting 387511.715
Northing 7089251.413
Surveyed G.K
Date 04-11-15
Azimuth GNSS
Field Book TSC2_2
Drawn B.S.T
Date 24-11-16 05-07-17
ONF SURVEYORS
Phone: 4162 2647 Email: admin@onfsurveyors.com.au
Client
SOUTH BURNETT REGIONAL COUNCIL
Project
PROPOSED PERMIT AREAS
- Wondai Sportsground -
Computer File c:\Location\Wondai\5940.cc6
Scale (A3) 1:1250
Job No. 4940
Locality WONDAI
Drawing Number 5940002
Rev B
Sheet 1 of 1



GDA

True North, Grid North and Magnetic North are shown diagramaticly for the centre of the Hervey Bay Local Government Area. Magnetic North is correct for 2001 moving easterly by 0.04° in about five years.

Important

This map was produced on the GEOCENTRIC DATUM OF AUSTRALIA 1994 (GDA94), which has superseded the Australian Geographic Datum of 1984 (AGD66/84). Heights are referenced to the Australia Height Datum (AHD) heights.

For most practical purposes GDA94 coordinates and satellite derived (GPS) coordinates based on the World Geodetic Datum 1984 (WGS84) are the same.

GN TN MN

Grid - Magnetic 10.5°

SOUTH BURNETT REGIONAL COUNCIL

Customer Contact: Ph (07) 4189 9100

Drawn By : Amy King

Department : Information Services

Date : 03-03-2017

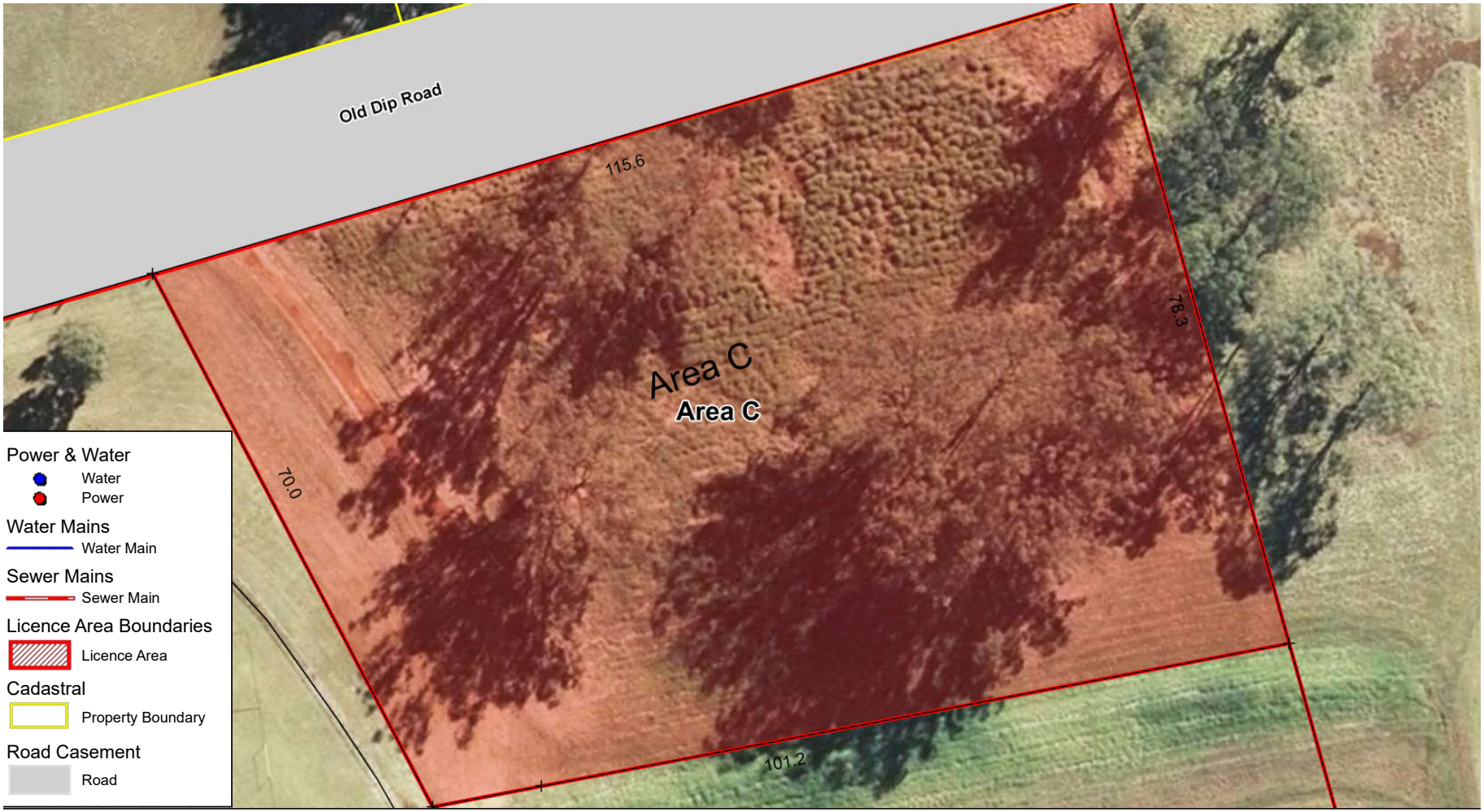
Projection : MGA94 Zone 56

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Licence Area B
Wondai Sportsground



GDA

True North, Grid North and Magnetic North are shown diagramaticlly for the centre of the Hervey Bay Local Government Area. Magnetic North is correct for 2001 moving easterly by 0.04° in about five years.

GN TN MN

Grid - Magnetic 10.5°

Important

This map was produced on the GEOCENTRIC DATUM OF AUSTRALIA 1994 (GDA94), which has superseded the Australian Geographic Datum of 1984 (AGD66/84). Heights are referenced to the Australia Height Datum (AHD) heights.

For most practical purposes GDA94 coordinates and satellite derived (GPS) coordinates based on the World Geodetic Datum 1984 (WGS84) are the same.

SOUTH BURNETT REGIONAL COUNCIL

Customer Contact: Ph (07) 4189 9100

Drawn By : Amy King

Department : Information Services

Date : 03-03-2017

Projection : MGA94 Zone 56

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Licence Area C
Wondai Sportsground

14.6 TRUSTEE LEASE - BALLOGIE COMMUNITY ASSOCIATION INC.

File Number: **17-07-2024**

Author: **Lease Officer**

Authoriser: **Chief Executive Officer**

PRECIS

The Ballogie Community Association have requested to enter a trustee lease for Lot 50 on CP868342 to develop a community and recreation facility.

SUMMARY

The Ballogie Community Association Inc. (the Association) wish to enter a trustee lease for Lot 50 on CP868342 with a plan to develop a community and recreation facility. The reserve is undeveloped and adjoins a state-controlled road and stock route.

OFFICER'S RECOMMENDATION

That South Burnett Regional Council:

1. In accordance with section 236(1)(b)(ii) of the *Local Government Regulation 2012* applies to disposal of a valuable non-current asset by way of entering a trustee lease for Lot 50 on CP868342, to the Ballogie Community Association Inc. for a term of 10 years.
2. Pursuant to section 257(1)(b) of the *Local Government Act 2009*, South Burnett Regional Council delegates to the Chief Executive Officer the power to negotiate, finalise and execute the lease with the Ballogie Community Association Inc. on terms considered satisfactory to Council.

FINANCIAL AND RESOURCE IMPLICATIONS

Rent for the lease will be concessional rent applied to community and not for profit groups of $75.00 per annum (plus GST).

The Ballogie Community Association Inc. will be required to hold a certificate of currency for $20M public liability insurance and will be applying for grant funding to fund their development plan including;

Stage 1:

- Maintenance and mowing of the reserve;
- Vegetation Clearing;
- Development of an access road and parking (all weather access);
- Development of a sporting gounds and recreation area;
- Build undercover shelters;
- Install a water tank;
- Install a community noticeboard; and
- Purchase and site portable toilets.

Stage 2:

- Development of a playground;
- Installation of a basketball or handball court;
- Install a boundary fence;

- Install a cricket pitch; and
- Develop a support hub.

Council will be responsible for any cost involved with preparing the trustee lease.

LINK TO CORPORATE/OPERATIONAL PLAN

IN10: Investigate options for leasing opportunities to not-for-profit groups and organisations.

COMMUNICATION/CONSULTATION (INTERNAL/EXTERNAL)

The Ballogie Community Association Inc approached Council seeking to lease the reserve for recreation to develop the land for recreation and social community events.

Internal advice was received for development of the land and requirements for access, vegetation management and proposed use of the land.

The Ballogie Community Association through a deputation to the Ordinary Meeting on the 19 June 2024 presented Council with a project plan.

LEGAL IMPLICATIONS (STATUTORY BASIS, LEGAL RISKS)

The land is a Reserve for Recreation with a sub-purpose of a community hall with Council as the Trustee. The Land and Other Legislation Amendment Bill (No. 2) 2023 amended the *Land Act 1994* to simplify the list of community purposes previously defined in Schedule 1, from 34 specific uses to the 6 purpose categories. The new 'taken to be' purpose of the reserve is Parks and Recreational Purposes with the sub-purpose as Community Facility. However, the trust land's title in the Land Registry will not be updated to the 'taken to be' purpose. This is because an update to the purpose would be a change in purpose of the trust land, which would be a future act for the purposes of the *Native Title Act 1993 (Cwlth).*

The proposed Trustee Lease complies with the requirements of section 7(2) of *Land Regulation 2020* and the *Land Act 1994*.

An offer of a Trustee Lease to a community group is in accordance with section 236(1)(b)(ii) of *Local Government Regulation 2012*.

POLICY/LOCAL LAW DELEGATION IMPLICATIONS

Offering of a Trustee Lease is in accordance with Council's Property Lease Policy and Disposal of Assets Policy.

ASSET MANAGEMENT IMPLICATIONS

The property is a reserve that is undeveloped, zoned rural and sits adjacent to the road corridor and stock route. The land is subject to be affected by flood hazard, high potential bushfire, stock route network management and within the state transport corridor. Any land use such as markets or development of a community hall would trigger a development application which is impact assessable and open to public notification. As the property is located on a state road an access road/driveway is required to be approved by the Department of Transport and Main Roads (DTMR).

The Association will need to consider the cost associated with each activity including any future requirements for development, engineering plans, access road or effluent disposal with estimates for a basic Aerated Wastewater Treatment Systems (AWTS) between $30,000 to $60,000. It should also be noted that any development must not compromise the stock route SR:445SBUR. And any proposed vegetation clearing must be notified (there is no cost for this notification) through the Department of Resources (DoR).

REPORT

RPD: Lot 50 on Crown Plan 868342

Tenure: Reserve for Recreation and sub-purpose Community Hall (taken to be - Parks and Recreational Purpose, sub-purpose as Community Facility.)

Trustee: South Burnett Regional Council

Area: 2.7 ha

Zoning: Rural

Background

The Ballogie Community Association Inc. (The Association) is a newly incorporated organisation seeking to lease the reserve Lot 50 on CP868342. This land is not developed and has some areas of dense vegetation.

The community in Ballogie sort to undertake this project in 1996, obtaining a tree clearing permit in 1998 and the group hand cleared a small section of land approximately 0.6ha. Unfortunately, the group was never incorporated, and the project was abandoned.

The Association has since formed and are strengthened in their resolve to seek grant funding to clear the vegetation and develop the land for the Ballogie community. The Association has submitted a petition to Council with over 40 signatures to lease the land for recreational and social community events.

ATTACHMENTS

1. **Current Title - 50CP868342**
2. **Smart Map - 50CP868342**
3. **Stock Route Map - SR:445SBUR**
4. **Aerial Map - Vegetation**
5. **Vegetation Management Report - Lot 50 on CP868342**
6. **Development Proposal - Ballogie Community Association Inc.**
7. **Petition for land use at Ballogie**

INTERNAL CURRENT RESERVE SEARCH
QUEENSLAND TITLES REGISTRY PTY LTD

Search Date: 19/05/2022 11:34 Title Reference: 49022739
Date GAZETTED: 14/10/1994
PAGE: 574

Opening Ref: B 92/000630
Purpose: RECREATION
Sub-Purpose: COMMUNITY HALL
Local Name:
Address:
County (R) No: R210
File Ref: RES 28780

TRUSTEES

SOUTH BURNETT REGIONAL COUNCIL GAZETTED ON 14/10/1994
PAGE 574,575

LAND DESCRIPTION

LOT 50 CROWN PLAN 868342 GAZETTED ON 14/10/1994 PAGE 574
Local Government: SOUTH BURNETT

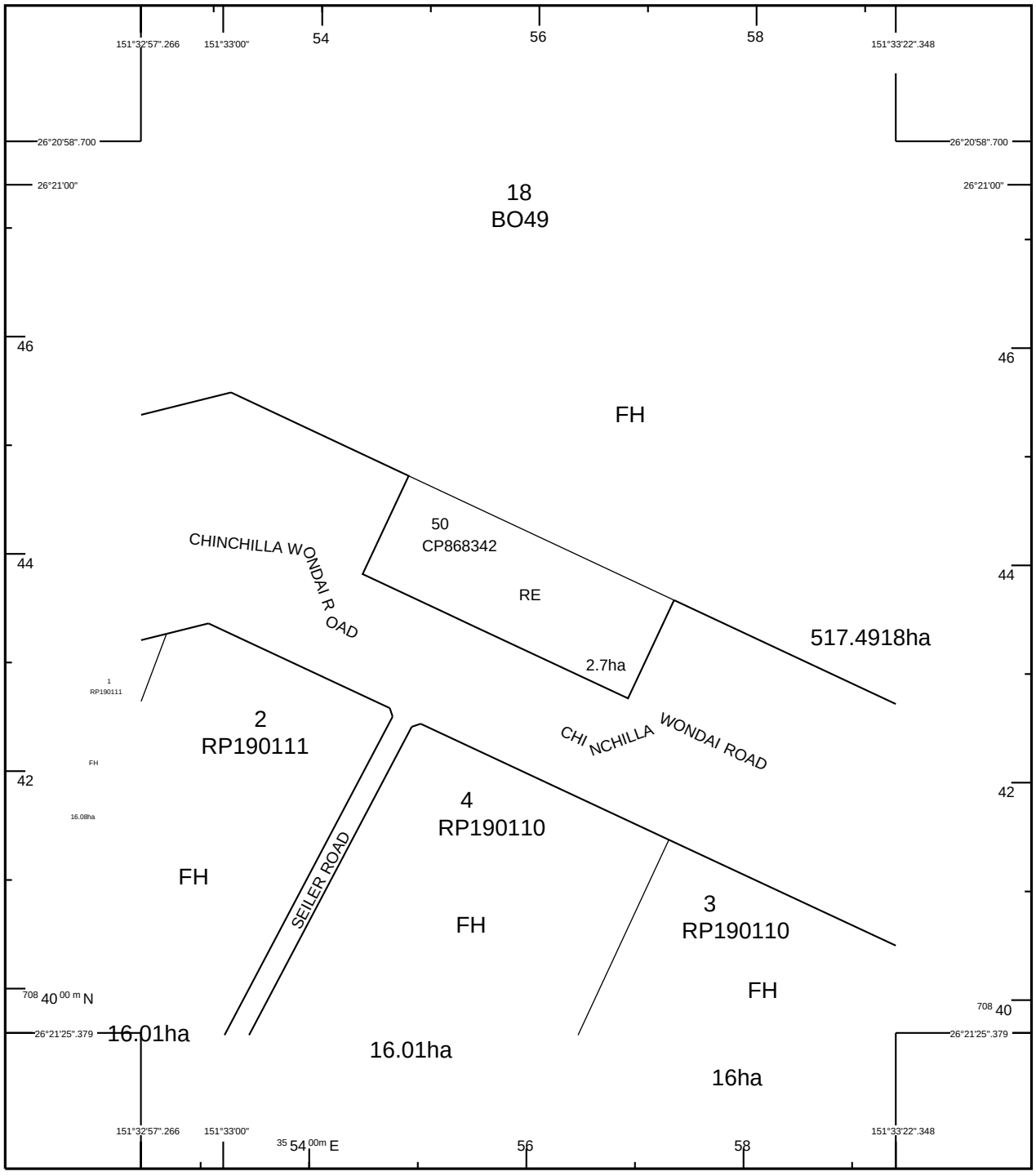
Area: 2.700000 Ha. (SURVEYED)

EASEMENTS AND ENCUMBRANCES

ADMINISTRATIVE ADVICES - NIL
UNREGISTERED DEALINGS - NIL

** End of Current Reserve Search **

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STANDARD MAP NUMBER
9245-34321

0 100 200 300 400 500 m
HORIZONTAL DATUM:GDA94 ZONE:56 SCALE 1 : 5000

MAP WINDOW POSITION & NEAREST LOCATION

151°33'09".807
26°21'12".040
BALLOGIE
2.27 KM

SUBJECT PARCEL DESCRIPTION

DCDB

Lot/Plan	50/CP868342
Area/Volume	2.7ha
Tenure	RESERVE
Local Government	SOUTH BURNETT REGIONAL
Locality	BALLOGIE
Segment/Parcel	47104/107

CLIENT SERVICE STANDARDS

PRINTED 21/06/2024

DCDB 20/06/2024

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SmartMap
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Based upon an extraction from the Digital Cadastral Data Base

Queensland Government
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'lap - 50CP868342

21'6"S 151°33'2"E 26°21'6"S 151°33'1



21'17"S 151°33'2"E 26°21'17"S 151°33'1

A product of
Queensland Globe



Legend located on next page

N
0 50 metres
Scale: 1:1956

Printed at: A4
Print date: 18/6/2024
Not suitable for accurate measurement.
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us.html

Queensland Government
Department of Resources

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Map - SUCP868342

Legend

Active travel permits

Stock routes

- Primary
- Secondary
- Tertiary

Stock route reserves

- Primary
- Secondary
- Tertiary

Road parcel

Land parcel

- Parcel

Land parcel - gt 1 ha

- Parcel

Land parcel - gt 10 ha

- Parcel

Easement parcel

Queensland Land Use - Current

- Nature conservation
- Managed resource protection
- Other minimal use
- Grazing native vegetation
- Production forestry
- Plantation forestry
- Grazing modified pastures
- Cropping
- Perennial horticulture
- Seasonal horticulture
- Land in transition
- Irrigated plantation forestry
- Irrigated modified pastures
- Irrigated cropping
- Irrigated perennial horticulture
- Irrigated seasonal horticulture
- Irrigated land in transition
- Intensive horticulture
- Intensive animal husbandry
- Manufacturing and industrial
- Residential
- Services
- Utilities
- Transport and communication
- Mining
- Waste treatment and disposal

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Map - SUCP868342

Legend

Queensland Land Use - Current (cont)

- Lake
- Reservoir/dam
- River
- Channel/aqueduct
- Marsh/wetland
- Estuary/coastal waters

Strata parcel

Volumetric parcel

Land parcel - gt 1000 ha

- Parcel

Land parcel label

Land parcel label - gt 1 ha

Land parcel label - gt 10 ha

Land parcel label - gt 1000 ha

Land parcel positional accuracy

- +/- 0.1M - 1M
- +/- 1.5M - 5M
- +/- 6M - 14M
- +/- 15M - 24M
- +/- 25M - 28M
- ≥+/- 29M

Railway

Railway station

Cities and Towns

Green bridges

Bridges

Tunnels

Map - SUCP868342

Legend

Roads and tracks

- Motorway
- Highway
- Secondary
- Connector
- Local
- Restricted Access Road
- Mall
- Busway
- Bikeway
- Restricted Access Bikeway
- Walkway
- Restricted Access Walkway
- Non-vehicular Track
- Track
- Restricted Access Track
- Ferry
- Proposed Thoroughfare

ıerıal Map - Vegetation (as at June 2023

ɛserve - Lot 50 on CP 868342

21'8"S 151°33'0"E 26°21'8"S 151°33'17"E



21'20"S 151°33'0"E 26°21'20"S 151°33'17"E

A product of Queensland Globe



Legend located on next page

N

0 50 metres

Scale: 1:2500

Printed at: A4

Print date: 21/6/2024

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Queensland Government
Department of Resources

ıerial Map - Vegetation (as at June 2023

ɜserve - Lot 50 on CP 868342

Legend

Farm dam

Farm Dam

Pool or rockhole

Pool

Rockhole

Waterhole

Waterhole

Waterfall

Coastline

Flat or swamp

Land subject to inundation

Saline coastal flat

Swamp

Pondage area

Aquaculture Area

Salt Evaporator

Settling Pond

Lake

Reservoir

Reservoir

Canal line

Canal

Canal area

Canal area

Watercourse lines

Major - perennial

Major - non perennial

Minor - perennial

Minor - non perennial

Watercourse area

Watercourse area

Water area edge

Perennial

non perennial

Watercourse stream order

Water plan areas except GABORA

Water plan area Great Artesian Basin and Other Regional Aquifers [GABORA]

Water plan nodes

Surface water node

Underground water node

Water plan water supply scheme trading zone limits

Water plan water supply scheme trading zones

Water plan water supply scheme underground water trading zones

Water plan water supply schemes

Water plan surface water management area trading

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Water plan surface water management area trading zones

Water plan surface water management areas

ıerial Map - Vegetation (as at June 2023

Legend

Water plan water licence seasonal water assignment zones

- Upper Mitchell Zone 1
- Upper Mitchell Zone 2
- Upper Mitchell Zone 3

Water plan water licence zone limits

Water plan water licence zones

Water plan water licence relocation zone limits

Water plan water licence relocation zones

Water plan underground water management area trading zones

Water plan underground water management area trading zone groups

Water plan underground water management area domestic areas

Water plan underground water management area sub-areas

Water plan underground water management area notification areas

Water plan underground water management areas

Water plan overland flow areas

Water plan waterholes and lakes

- Augmented waterhole
- Protected waterhole
- Significant waterhole wetland

Water plan prescribed and protected watercourses

- Prescribed watercourse
- Protected watercourse

Water plan watercourse water areas and significant watercourse reaches

Water plan subcatchments

Water plan catchments

GABORA groundwater dependent ecosystem springs

GABORA groundwater dependent ecosystem watercourses

GABORA groundwater dependent ecosystem areas

GABORA bore corrosion areas

Hutton zone

Precipice zone

Springbok Walloon zone

management area watercourse buffer zones

Seawater intrusion coastline

ıerial Map - Vegetation (as at June 2023

Legend

Betts Creek beds

- Betts Creek beds North
- Betts Creek beds South

Cadna owie

- Bungil
- Eromanga Cadna owie

Clematis

- Bowen Clematis
- Galilee Clematis

Hooray

- Cape Gilbert River Aquifer
- Carpentaria South Gilbert River Aquifer
- Eromanga East Hooray
- Eromanga North Hooray
- Eromanga South Hooray
- Eromanga West Hooray
- Gubberamunda
- Gulf Gilbert River Aquifer

Laura Gilbert River equivalents

Laura Rolling Downs

Hutton

- Crows Nest Marburg
- Eastern Downs Marburg
- Eromanga Hutton
- Gatton Esk Road Marburg
- Murphys Creek Marburg
- Southern Clarence Moreton Marburg
- Surat Hutton

Mooga

Mulgildie North Hutton

Normanton

Rolling Downs

- Cape Rolling Downs
- Carpentaria South Wallumbilla
- Eromanga Wallumbilla
- Gulf Rolling Downs
- Surat Wallumbilla

Winton Mackunda

- Winton Mackunda North

Precipice

- Crows Nest Woogaroo
- Eastern Downs Precipice
- Eromanga Precipice
- Gatton Esk Road Woogaroo
- Mulgildie North Precipice
- Mulgildie South Precipice
- Murphys Creek Woogaroo
- Redbank Creek Woogaroo
- Southern Clarence Moreton Woogaroo
- Surat Precipice

Springbok Walloon

- Adori Injune Creek
- Eastern Downs Springbok Walloon
- Southern Clarence Moreton Walloon
- Surat Springbok Walloon

Wyaaba beds

Draft water plan nodes

- Draft surface water nodes
- Draft underground water nodes

ıerial Map - Vegetation (as at June 2023

Legend

Draft water plan significant watercourse reach limits

Draft water plan significant watercourse reaches

Draft water plan underground water management areas

Draft water plan catchments and subcatchments

Moratorium areas

Water sharing rules areas

Seasonal water assignment areas

Declared underground water areas

River improvement trust areas

Bore water areas

Drainage areas

1974 Floodline Brisbane and Bremer Rivers

2010 Floodline Bundaberg

2011 Floodline Queensland towns - January

2011 Floodline Queensland towns - April

2012 Floodline SW Queensland towns

2013 Floodline Bundaberg

2017 Floodline Fitzroy River

2017 Floodline Logan and Albert Rivers

2019 Floodline Western Queensland

Sunny day failure - referable dam

Probable max flood without a dam failure - referable dam

Probable max flood with a dam failure - referable dam

Land parcel

Parcel

Land parcel - gt 1 ha

Parcel

Land parcel - gt 10 ha

Parcel

Land parcel - gt 1000 ha

Parcel

Land parcel label



ıerial Map - Vegetation (as at June 2023

Legend

Queensland Land Use - Current

- Nature conservation
- Managed resource protection
- Other minimal use
- Grazing native vegetation
- Production forestry
- Plantation forestry
- Grazing modified pastures
- Cropping
- Perennial horticulture
- Seasonal horticulture
- Land in transition
- Irrigated plantation forestry
- Irrigated modified pastures
- Irrigated cropping
- Irrigated perennial horticulture
- Irrigated seasonal horticulture
- Irrigated land in transition
- Intensive horticulture
- Intensive animal husbandry
- Manufacturing and industrial
- Residential
- Services
- Utilities
- Transport and communication
- Mining

Queensland Land Use - Current (cont)

- Lake
- Reservoir/dam
- River
- Channel/aqueduct
- Marsh/wetland
- Estuary/coastal waters

Land parcel label - gt 10 ha

Land parcel label - gt 1000 ha

Green bridges

Bridges

Tunnels

[Deprecated] Railway

[Deprecated] Railway station

Roads and tracks

- Motorway
- Highway
- Secondary
- Connector
- Local
- Restricted Access Road
- Mall
- Busway
- Bikeway
- Restricted Access Bikeway
- Walkway
- Restricted Access Walkway
- Non-vehicular Track
- Track
- Restricted Access Track
- Ferry
- Proposed Thoroughfare

Cape

Beach

Islands

ıerial Map - Vegetation (as at June 2023

Legend

Recreation area

Landmark area

Cemeteries

Airports

Population centres



Vegetation management report

For Lot: 50 Plan: CP868342
16/05/2024

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echnical or other errors or omissions contained herein. The reader/user accepts all risks and responsibility for losses,
amages, costs and other consequences resulting directly or indirectly from using this information.

pdated mapping
pdated vegetation mapping was released on 22 November 2023 and includes the most recent Queensland Herbarium scienti
pdates to the Regulated Vegetation Management Map, regional ecosystems, essential habitat, wetland and high-value regrow
apping.

he Department of Environment, Science and Innovation have also updated their koala protection mapping to align with the
ueensland Herbarium scientific updates.

he latest version (v10) of the Protected Plants Flora Survey Trigger Map (trigger map) was released on 6 September 2023.

Overview

ased on the lot on plan details you have supplied, this report provides the following detailed information:
roperty details - information about the specified Lot on Plan, lot size, local government area, bioregion(s), subregion(s) and
atchment(s);

egetation management framework - an explanation of the application of the framework and contact details for the Departme
Resources who administer the framework;

egetation management framework details for the specified Lot on Plan including:

- the vegetation management categories on the property;
- the vegetation management regional ecosystems on the property;
- vegetation management watercourses or drainage features on the property;
- vegetation management wetlands on the property;
- vegetation management essential habitat on the property;
- whether any area management plans are associated with the property;
- whether the property is coastal or non-coastal; and
- whether the property is mapped as Agricultural Land Class A or B;

rotected plant framework - an explanation of the application of the framework and contact details for the Department of
nvironment, Science and Innovation who administer the framework, including:

- high risk areas on the protected plant flora survey trigger map for the property;

oala protection framework - an explanation of the application of the framework and contact details for the Department of
nvironment, Science and Innovation who administer the framework; and

oala protection framework details for the specified Lot on Plan including:

- the koala district the property is located in;
- koala priority areas on the property;
- core and locally refined koala habitat areas on the property;
- whether the lot is located in an identified koala broad-hectare area; and
- koala habitat regional ecosystems on the property for core koala habitat areas.

his information will assist you to determine your options for managing vegetation under:
he vegetation management framework, which may include:

- exempt clearing work;
- accepted development vegetation clearing code;
- an area management plan;
- a development approval;

he protected plant framework, which may include:

- the need to undertake a flora survey;
- exempt clearing;
- a protected plant clearing permit;

he koala protection framework, which may include:

- exempted development;
- a development approval;

Other laws

he clearing of native vegetation is regulated by both Queensland and Australian legislation, and some local governments alsc
egulate native vegetation clearing. You may need to obtain an approval or permit under another Act, such as the
ommonwealth Government's *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act). Section 8 of this
uide provides contact details of other agencies you should confirm requirements with, before commencing vegetation clearinc

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1. Property details

1.1 Tenure and title area

All of the lot, plan, tenure and title area information associated with property Lot: 50 Plan: CP868342 are listed in Table 1.

Table 1: Lot, plan, tenure and title area information for the property

Lot	Plan	Tenure	Property title area (sq metres)
50	CP868342	Reserve	27,000

The tenure of the land may affect whether clearing is considered exempt clearing work or may be carried out under an accepted development vegetation clearing code.

Does the property Lot: 50 Plan: CP868342 have a freehold tenure and is in the Wet Tropics of Queensland World Heritage Area?

No, this property is not located in the Wet Tropics of Queensland World Heritage Area.

1.2 Property location

Table 2 provides a summary of the locations for property Lot: 50 Plan: CP868342, in relation to natural and administrative boundaries.

Table 2: Property location details

Local Government(s)	Catchment(s)	Bioregion(s)	Subregion(s)
South Burnett Regional	Burnett	Brigalow Belt	Banana - Auburn Ranges

2. Vegetation management framework (administered by the Department of Resources)

The *Vegetation Management Act 1999* (VMA), the Vegetation Management Regulation 2012, the *Planning Act 2016* and the Planning Regulation 2017, in conjunction with associated policies and codes, form the Vegetation Management Framework.

The VMA does not apply to all land tenures or vegetation types. State forests, national parks, forest reserves and some tenures under the *Forestry Act 1959* and *Nature Conservation Act 1992* are not regulated by the VMA. Managing or clearing vegetation on these tenures may require approvals under these laws.

The following native vegetation is not regulated under the VMA but may require permit(s) under other laws:

- grass or non-woody herbage;
- a plant within a grassland regional ecosystem identified in the Vegetation Management Regional Ecosystem Description Database (VM REDD) as having a grassland structure; and
- a mangrove.

2.1 Exempt clearing work

Exempt clearing work is an activity for which you do not need to notify the Department of Resources or obtain an approval under the vegetation management framework. Exempt clearing work was previously known as exemptions.

In areas that are mapped as Category X (white in colour) on the regulated vegetation management map (see section 4.1), and where the land tenure is freehold, indigenous land and leasehold land for agriculture and grazing purposes, the clearing of vegetation is considered exempt clearing work and does not require notification or development approval under the vegetation management framework. For all other land tenures, contact the Department of Resources before commencing clearing to ensure that the proposed activity is exempt clearing work.

A range of routine property management activities are considered exempt clearing work. A list of exempt clearing work is available at

https://www.qld.gov.au/environment/land/management/vegetation/clearing-approvals/exemptions/.

Exempt clearing work may be affected if the proposed clearing area is subject to development approval conditions, a covenant, an environmental offset, an exchange area, a restoration notice, or an area mapped as Category A. Exempt clearing work may require approval under other Commonwealth, State or Local Government laws, or local government planning schemes. Contact the Department of Resources prior to clearing in any of these areas.

2.2 Accepted development vegetation clearing codes

Some clearing activities can be undertaken under an accepted development vegetation clearing code. The codes can be downloaded at

https://www.qld.gov.au/environment/land/management/vegetation/clearing-approvals/codes/

If you intend to clear vegetation under an accepted development vegetation clearing code, you must notify the Department of Resources before commencing. The information in this report will assist you to complete the online notification form.

You can complete the online form at
https://vegetation-apps.dnrm.qld.gov.au

2.3 Area management plans

Area Management Plans (AMP) provide an alternative approval system for vegetation clearing under the vegetation management framework. They list the purposes and clearing conditions that have been approved for the areas covered by the plan. It is not necessary to use an AMP, even when an AMP applies to your property.

On 8 March 2020, AMPs ended for fodder harvesting, managing thickened vegetation and managing encroachment. New notifications cannot be made for these AMPs. You will need to consider options for fodder harvesting, managing thickened vegetation or encroachment under a relevant accepted development vegetation clearing code or apply for a development approval.

New notifications can be made for all other AMPs. These will continue to apply until their nominated end date.

If an Area Management Plan applies to your property for which you can make a new notification, it will be listed in Section 3.6 of this report. Before clearing under one of these AMPs, you must first notify the Department of Resources and then follow the conditions and requirements listed in the AMP.

https://www.qld.gov.au/environment/land/management/vegetation/clearing-approvals/area-management-plans

2.4 Development approvals

If under the vegetation management framework your proposed clearing is not exempt clearing work, or is not permitted under an accepted development vegetation clearing code, or an AMP, you may be able to apply for a development approval. Information on how to apply for a development approval is available at

https://www.qld.gov.au/environment/land/management/vegetation/clearing-approvals/development

2.5. Contact information for the Department of Resources

For further information on the vegetation management framework:

Phone 135VEG (135 834)

Email vegetation@resources.qld.gov.au

Visit https://www.resources.qld.gov.au/?contact=vegetation to submit an online enquiry.

3. Vegetation management framework for Lot: 50 Plan: CP868342

3.1 Vegetation categories

The vegetation categories on your property are shown on the regulated vegetation management map in section 4.1 of this report. A summary of vegetation categories on the subject lot are listed in Table 3. Descriptions for these categories are shown in Table 4.

Table 3: Vegetation categories for subject property

Vegetation category	Area (ha)
Category B	2.68
Category C	0.02

Table 4: Description of vegetation categories

Category	Colour on Map	Description	Requirements / options under the vegetation management framework
A	red	Compliance areas, environmental offset areas and voluntary declaration areas	Special conditions apply to Category A areas. Before clearing, contact the Department of Resources to confirm any requirements in a Category A area.
B	dark blue	Remnant vegetation areas	Exempt clearing work, or notification and compliance with accepted development vegetation clearing codes, area management plans or development approval.
C	light blue	High-value regrowth areas	Exempt clearing work, or notification and compliance with managing Category C regrowth vegetation accepted development vegetation clearing code.
R	yellow	Regrowth within 50m of a watercourse or drainage feature in the Great Barrier Reef catchment areas	Exempt clearing work, or notification and compliance with managing Category R regrowth accepted development vegetation clearing code or area management plans.
X	white	Clearing on freehold land, indigenous land and leasehold land for agriculture and grazing purposes is considered exempt clearing work under the vegetation management framework. Contact the Department of Resources to clarify whether a development approval is required for other State land tenures.	No permit or notification required on freehold land, indigenous land and leasehold land for agriculture and grazing. A development approval may be required for some State land tenures.

Property Map of Assessable Vegetation (PMAV)

There is no Property Map of Assessable Vegetation (PMAV) present on this property.

3.2 Regional ecosystems

The endangered, of concern and least concern regional ecosystems on your property are shown on the vegetation management supporting map in section 4.2 and are listed in Table 5.

A description of regional ecosystems can be accessed online at
https://www.qld.gov.au/environment/plants-animals/plants/ecosystems/descriptions/

Table 5: Regional ecosystems present on subject property

Regional Ecosystem	VMA Status	Category	Area (Ha)	Short Description	Structure Category
11.12.6	Least concern	B	1.88	Corymbia citriodora open forest on igneous rocks (granite)	Mid-dense
11.12.6	Least concern	C	0.01	Corymbia citriodora open forest on igneous rocks (granite)	Mid-dense
11.3.25	Least concern	B	0.27	Eucalyptus tereticornis or E. camaldulensis woodland fringing drainage lines	Sparse
11.3.25	Least concern	C	less than 0.01	Eucalyptus tereticornis or E. camaldulensis woodland fringing drainage lines	Sparse
11.5.20	Least concern	B	0.54	Eucalyptus moluccana and/or E. microcarpa and/or E. woollsiana +/- E. crebra woodland on Cainozoic sand plains	Sparse
11.5.20	Least concern	C	less than 0.01	Eucalyptus moluccana and/or E. microcarpa and/or E. woollsiana +/- E. crebra woodland on Cainozoic sand plains	Sparse

Please note:
1. All area and area derived figures included in this table have been calculated via reprojecting relevant spatial features to Albers equal-area conic projection (central meridian = 146, datum Geocentric Datum of Australia 1994). As a result, area figures may differ slightly if calculated for the same features using a different co-ordinate system.
2. If Table 5 contains a Category 'plant', please be aware that this refers to 'plantations' such as forestry, and these areas are considered non-remnant under the VMA.

The VMA status of the regional ecosystem (whether it is endangered, of concern or least concern) also determines if any of the following are applicable:

- exempt clearing work;
- accepted development vegetation clearing codes;
- performance outcomes in State Code 16 of the State Development Assessment Provisions (SDAP).

3.3 Watercourses

Vegetation management watercourses and drainage features for this property are shown on the vegetation management supporting map in section 4.2.

3.4 Wetlands

There are no vegetation management wetlands present on this property.

3.5 Essential habitat

Under the VMA, essential habitat for protected wildlife is native wildlife prescribed under the *Nature Conservation Act 1992* (NCA) as critically endangered, endangered, vulnerable or near-threatened wildlife.

Essential habitat for protected wildlife includes suitable habitat on the lot, or where a species has been known to occur up to 1.1 kilometres from a lot on which there is assessable vegetation. These important habitat areas are protected

under the VMA.

Any essential habitat on this property will be shown as blue hatching on the vegetation supporting map in section 4.2.

If essential habitat is identified on the lot, information about the protected wildlife species is provided in Table 6 below. The numeric labels on the vegetation management supporting map can be cross referenced with Table 6 to outline the essential habitat factors for that particular species. There may be essential habitat for more than one species on each lot, and areas of Category A, Category B and Category C can be mapped as Essential Habitat.

Essential habitat is compiled from a combination of species habitat models and buffered species records. Regional ecosystem is a mandatory essential habitat factor, unless otherwise stated. Essential habitat, for protected wildlife, means an area of vegetation shown on the Regulated Vegetation Management Map -

1) that has at least 3 essential habitat factors for the protected wildlife that must include any essential habitat factors that are stated as mandatory for the protected wildlife in the essential habitat database. Essential habitat factors are comprised of - regional ecosystem (mandatory for most species), vegetation community, altitude, soils, position in landscape; or
2) in which the protected wildlife, at any stage of its life cycle, is located.

If there is no essential habitat mapping shown on the vegetation management supporting map for this lot, and there is no table in the sections below, it confirms that there is no essential habitat on the lot.

Category A and/or Category B and/or Category C

Table 6: Essential habitat in Category A and/or Category B and/or Category C
No records

3.6 Area Management Plan(s)

Necessary environmental clearing in the Burnett and Kolan catchments

3.7 Coastal or non-coastal

For the purposes of the accepted development vegetation clearing codes and State Code 16 of the State Development Assessment Provisions (SDAP), this property is regarded as*

Non Coastal
*See also Map 4.3

3.8 Agricultural Land Class A or B

The following can be used to identify Agricultural Land Class A or B areas under the "Managing regulated regrowth vegetation" accepted development vegetation clearing code:

Does this lot contain land that is mapped as Agricultural Land Class A or B in the State Planning Interactive Mapping System?

No Class A

No Class B

Note - This confirms Agricultural Land Classes as per the State Planning Interactive Mapping System only. This response does not include Agricultural Land Classes identified under local government planning schemes. For further information, check the Planning Scheme for your local government area.

See Map 4.4 to identify the location and extent of Class A and/or Class B Agricultural land on Lot: 50 Plan: CP868342.

4. Vegetation management framework maps

Vegetation management maps included in this report may also be requested individually at:
https://www.resources.qld.gov.au/qld/environment/land/vegetation/vegetation-map-request-form

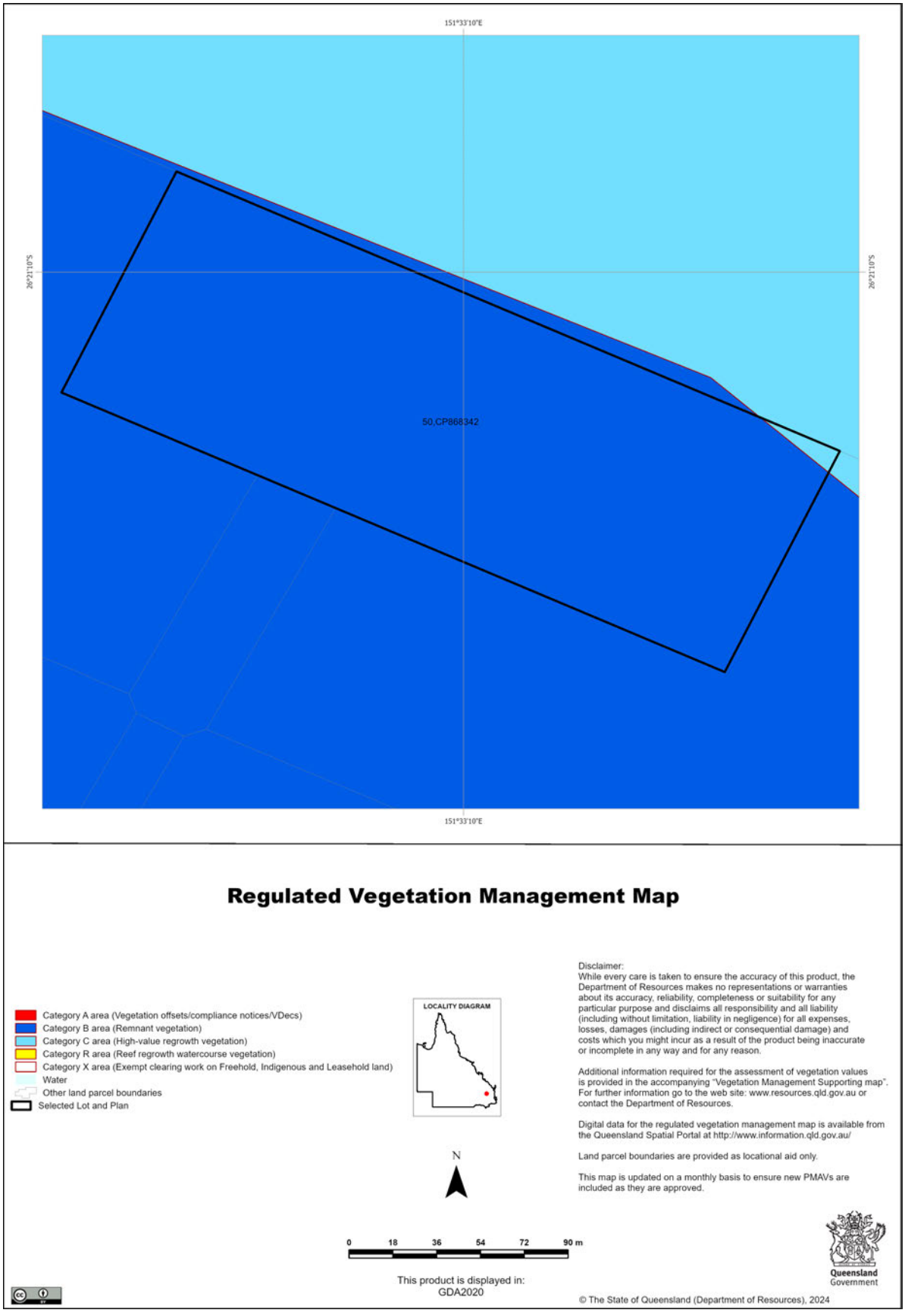
Regulated vegetation management map
The regulated vegetation management map shows vegetation categories needed to determine clearing requirements. These maps are updated monthly to show new property maps of assessable vegetation (PMAV).

Vegetation management supporting map
The vegetation management supporting map provides information on regional ecosystems, wetlands, watercourses and essential habitat.

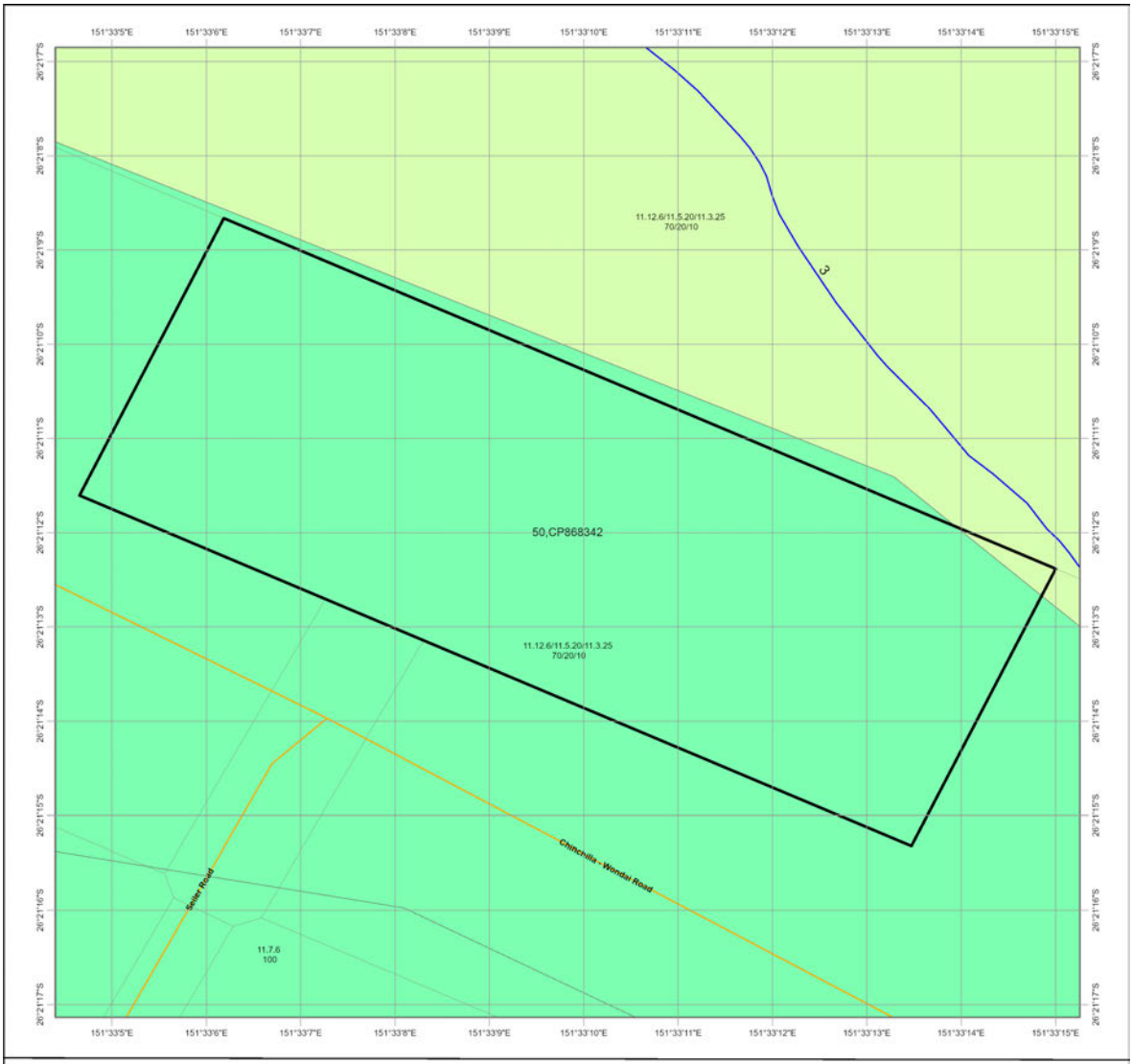
Coastal/non-coastal map
The coastal/non-coastal map confirms whether the lot, or which parts of the lot, are considered coastal or non-coastal for the purposes of the accepted development vegetation clearing codes and State Code 16 of the State Development Assessment Provisions (SDAP).

Agricultural Land Class A or B as per State Planning Policy: State Interest for Agriculture
The Agricultural Land Class map confirms the location and extent of land mapped as Agricultural Land Classes A or B as identified on the State Planning Interactive Mapping System. Please note that this map does not include areas identified as Agricultural Land Class A or B in local government planning schemes. This map can be used to identify Agricultural Land Class A or B areas under the "Managing regulated regrowth vegetation" accepted development vegetation clearing code.

4.1 Regulated vegetation management map



4.2 Vegetation management supporting map



Vegetation Management Supporting Map

- Category A or B area containing endangered regional ecosystems
- Category A or B area containing of concern regional ecosystems
- Category A or B area that is a least concern regional ecosystem
- Category C or R area containing endangered regional ecosystems
- Category C or R area containing of concern regional ecosystems
- Category C or R area that is a least concern regional ecosystem
- Category X area
- Water
- Wetland on the vegetation management wetlands map
- Essential habitat on the essential habitat map
- Essential habitat species record
- Watercourses and drainage features on the vegetation management watercourse and drainage features map (Stream order shown as black number against stream where available)
- Highway
- Connector
- Street/Local Road
- National Parks, State Forest and other reserves
- Other land parcel boundaries
- Selected Lot and Plan

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LOCALITY DIAGRAM

N

0 13 26 39 52 65 m

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Labels for Essential Habitat are centred on the area of enquiry.

Regional ecosystem linework has been compiled at a scale of 1:100 000, except in designated areas where a compilation scale of 1:50 000 is available. Linework should be used as a guide only. The positional accuracy of RE data mapped at a scale of 1:100 000 is +/- 100 metres.

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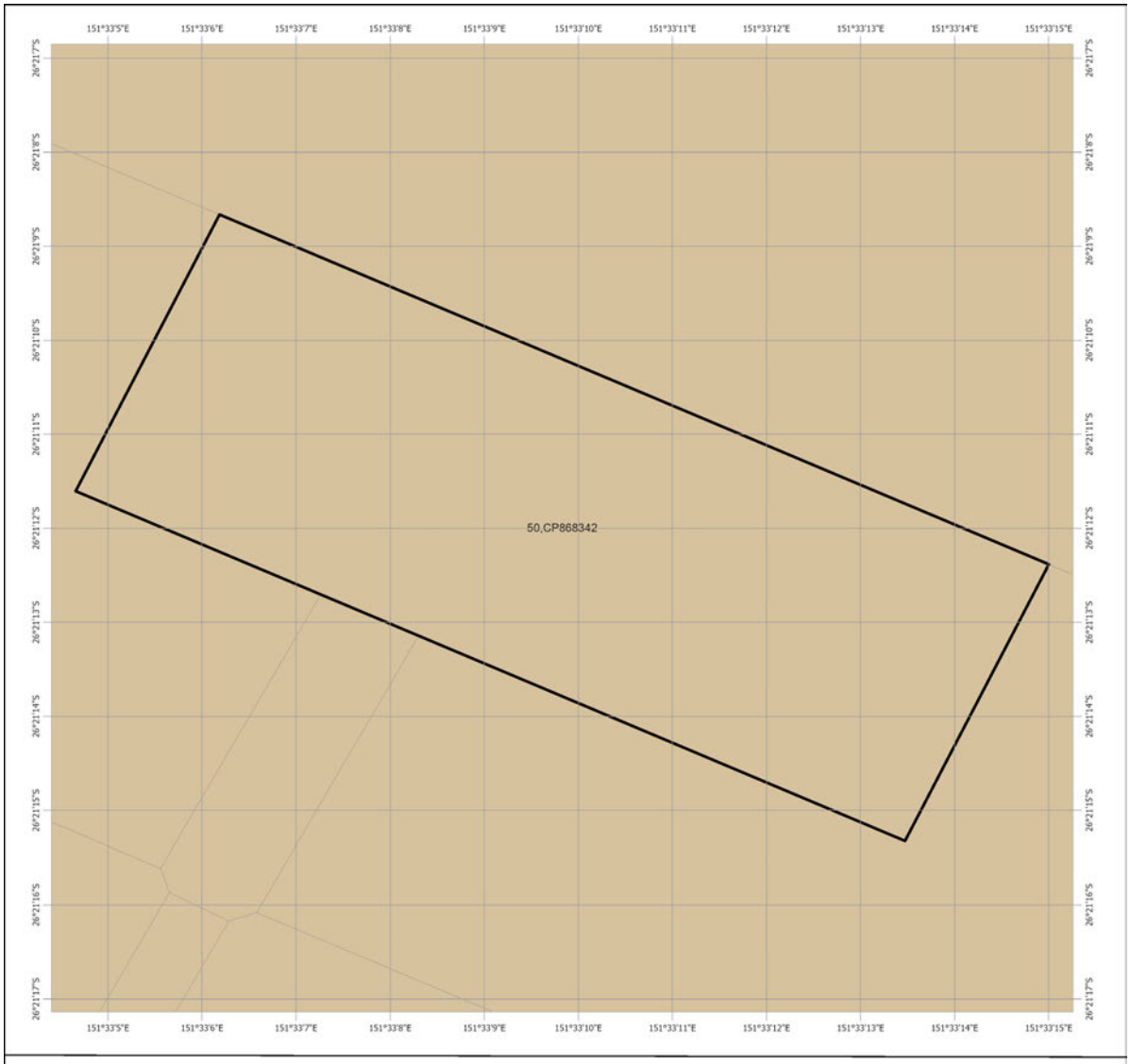
Additional information may be required for the purposes of land clearing or assessment of a regional ecosystem map or PMAV applications. For further information go to the web site: www.resources.qld.gov.au or contact the Department of Resources.

Digital data for the vegetation management watercourse and drainage feature map, vegetation management wetlands map, essential habitat map and the vegetation management remnant and regional ecosystem map are available from the Queensland Spatial Portal at http://www.information.qld.gov.au/

Land parcel boundaries are provided as locational aid only.

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4.3 Coastal/non-coastal map



Coastal/Non Coastal Map

Coastal
Non Coastal
Other land parcel boundaries
Selected Lot and Plan

LOCALITY DIAGRAM



N

0 18 36 54 72 90 m

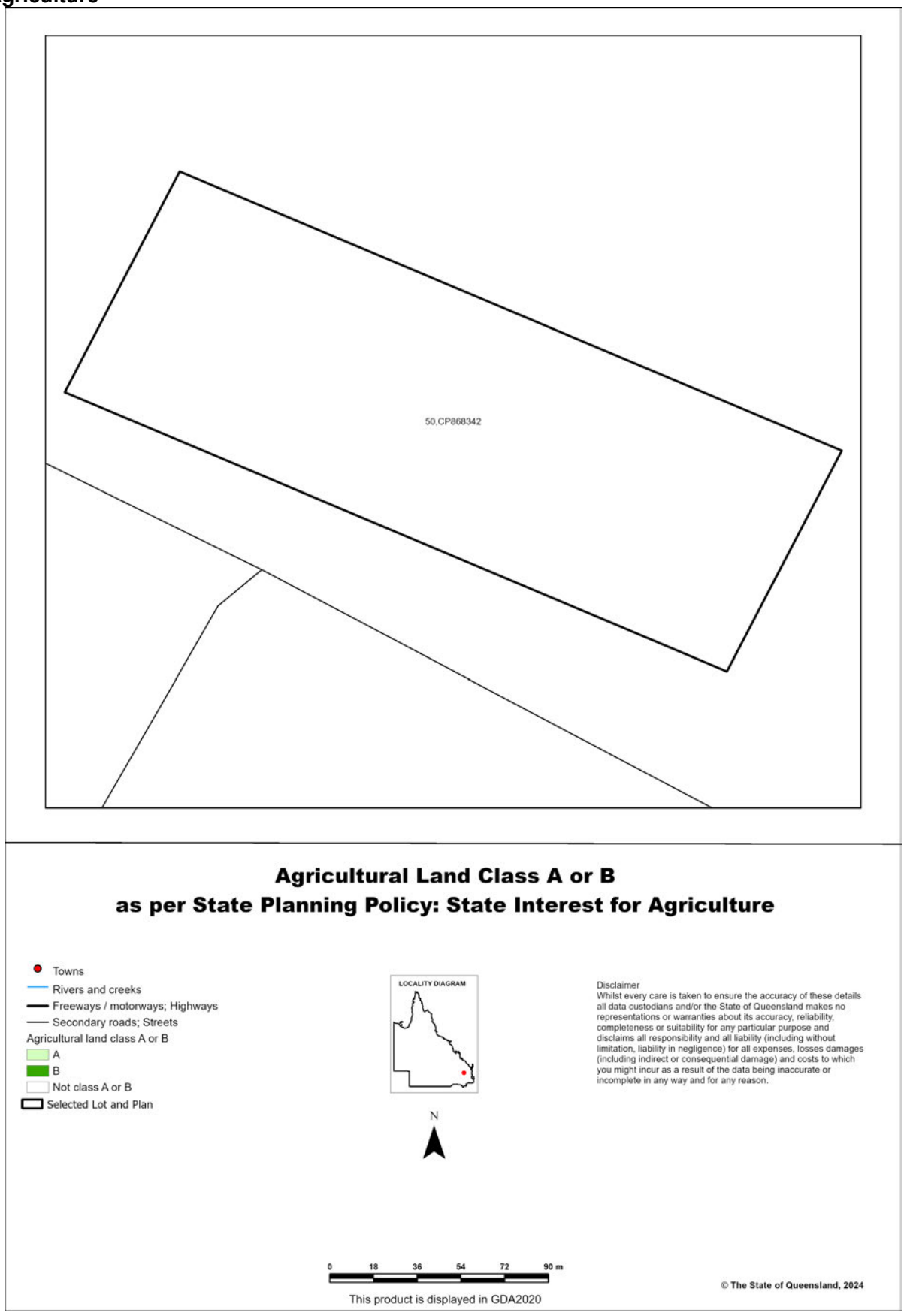
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4.4 Agricultural Land Class A or B as per State Planning Policy: State Interest for Agriculture



5. Protected plants framework (administered by the Department of Environment, Science and Innovation (DESI))

In Queensland, all plants that are native to Australia are protected plants under the *Nature Conservation Act 1992* (NCA). The NCA regulates the clearing of protected plants 'in the wild' (see Operational policy: When a protected plant in Queensland is considered to be 'in the wild') that are listed as critically endangered, endangered, vulnerable or near threatened under the Act.

Please note that the protected plant clearing framework applies irrespective of the classification of the vegetation under the *Vegetation Management Act 1999* and any approval or exemptions given under another Act, for example, the *Vegetation Management Act 1999* or *Planning Regulation 2017*.

5.1 Clearing in high risk areas on the flora survey trigger map

The flora survey trigger map identifies high-risk areas for threatened and near threatened plants. These are areas where threatened or near threatened plants are known to exist or are likely to exist based on the habitat present. The flora survey trigger map for this property is provided in section 5.5.

If you are proposing to clear an area shown as high risk on the flora survey trigger map, a flora survey of the clearing impact area must be undertaken by a suitably qualified person in accordance with the Flora survey guidelines. The main objective of a flora survey is to locate any threatened or near threatened plants that may be present in the clearing impact area.

If the flora survey identifies that threatened or near threatened plants are not present within the clearing impact area or clearing within 100m of EVNT plants can be avoided, the clearing activity is exempt from a permit. An exempt clearing notification form must be submitted to the Department of Environment, Science and Innovation, with a copy of the flora survey report, at least one week prior to clearing.

If the flora survey identifies that threatened or near threatened plants are present in, or within 100m of, the area to be cleared, a clearing permit is required before any clearing is undertaken. The flora survey report, as well as an impact management report, must be submitted with the clearing permit application form.

5.2 Clearing outside high risk areas on the flora survey trigger map

In an area other than a high risk area, a clearing permit is only required where a person is, or becomes aware that threatened or near threatened plantsare present in, or within 100m of, the area to be cleared. You must keep a copy of the flora survey trigger map for the area subject to clearing for five years from the day the clearing starts. If you do not clear within the 12 month period that the flora survey trigger map was printed, you need to print and check a new flora survey trigger map.

5.3 Exemptions

Many activities are 'exempt' under the protected plant clearing framework, which means that clearing of native plants that are in the wild can be undertaken for these activities with no need for a flora survey or a protected plant clearing permit. The Information sheet - General exemptions for the take of protected plants provides some of these exemptions.

Some exemptions under the NCA are the same as exempt clearing work (formerly known as exemptions) under the *Vegetation Management Act 1999* (i.e. listed in Schedule 21 of the Planning Regulations 2017) while some are different.

5.4 Contact information for DESI

For further information on the protected plants framework:
Phone 1300 130 372 (and select option four)
Email palm@des.qld.gov.au
Visit https://www.qld.gov.au/environment/plants-animals/plants/protected-plants

5.5 Protected plants flora survey trigger map

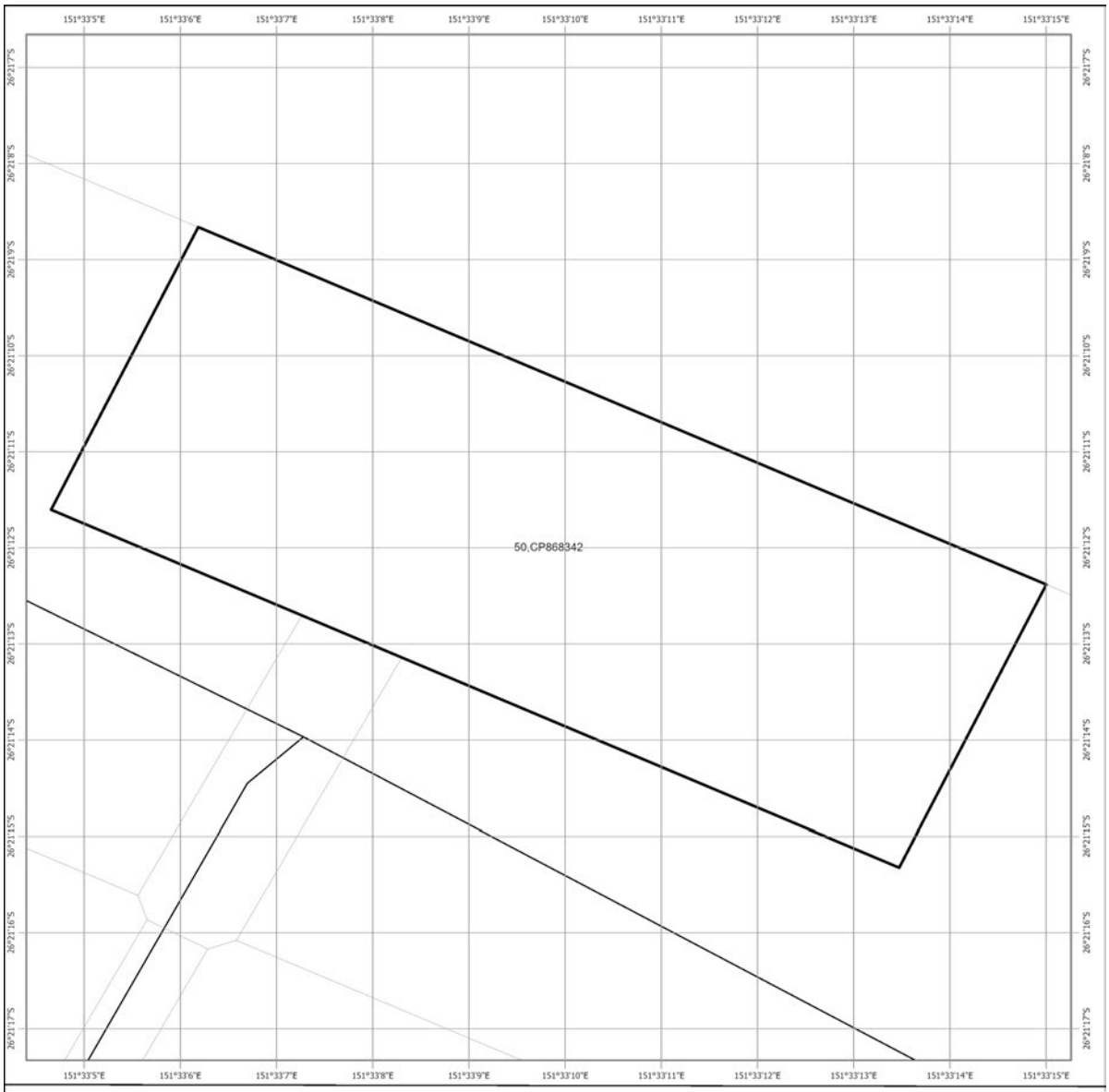
This map included may also be requested individually at: https://apps.des.qld.gov.au/map-request/flora-survey-trigger/.

Updates to the data informing the flora survey trigger map

The flora survey trigger map will be reviewed, and updated if necessary, at least every 12 months to ensure the map reflects the most up-to-date and accurate data available.

Species information

Please note that flora survey trigger maps do not identify species associated with 'high risk areas'. While some species information may be publicly available, for example via the Queensland Spatial Catalogue, the Department of Environment, Science and Innovation does not provide species information on request. Regardless of whether species information is available for a particular high risk area, clearing plants in a high risk area may require a flora survey and/or clearing permit. Please see the Department of Environment, Science and Innovation webpage on the clearing of protected plants for more information.



Protected Plants Flora Survey Trigger Map

High risk area
Other land parcel boundaries
Freeways / motorways / highways
Secondary roads / streets
Selected Lot and Plan

LOCALITY DIAGRAM

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0 13 26 39 52 65 m

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This map shows areas where particular provisions of the Nature Conservation Act 1992 apply to the clearing of protected plants.

Land parcel boundaries are provided as locational aid only.

This map is produced at a scale relevant to the size of the area selected and should be printed as A4 size in portrait orientation.

For further information or assistance with interpretation of this product, please contact the Department of Environment, Science and Innovation at palm@des.qld.gov.au

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6. Koala protection framework (administered by the Department of Environment, Science and Innovation (DESI))

The koala (*Phascolarctos cinereus*) is listed in Queensland as endangered by the Queensland Government under *Nature Conservation Act 1992* and by the Australian Government under the *Environment Protection and Biodiversity Conservation Act 1999*.

The Queensland Government's koala protection framework is comprised of the *Nature Conservation Act 1992*, the Nature Conservation (Animals) Regulation 2020, the Nature Conservation (Koala) Conservation Plan 2017, the *Planning Act 2016* and the Planning Regulation 2017.

6.1 Koala mapping

6.1.1 Koala districts

The parts of Queensland where koalas are known to occur has been divided into three koala districts - koala district A, koala district B and koala district C. Each koala district is made up of areas with comparable koala populations (e.g. density, extent and significance of threatening processes affecting the population) which require similar management regimes.

Section 7.1 identifies which koala district your property is located in.

6.1.2 Koala habitat areas

Koala habitat areas are areas of vegetation that have been determined to contain koala habitat that is essential for the conservation of a viable koala population in the wild based on the combination of habitat suitability and biophysical variables with known relationships to koala habitat (e.g. landcover, soil, terrain, climate and ground water). In order to protect this important koala habitat, clearing controls have been introduced into the Planning Regulation 2017 for development in koala habitat areas.

Please note that koala habitat areas only exist in koala district A which is the South East Queensland "Shaping SEQ" Regional Plan area. These areas include the local government areas of Brisbane, Gold Coast, Logan, Lockyer Valley, Ipswich, Moreton Bay, Noosa, Redland, Scenic Rim, Somerset, Sunshine Coast and Toowoomba (urban extent).

There are two different categories of koala habitat area (core koala habitat area and locally refined koala habitat), which have been determined using two different methodologies. These methodologies are described in the document Spatial modelling in South East Queensland.

Section 7.2 shows any koala habitat area that exists on your property.

Under the Nature Conservation (Koala) Conservation Plan 2017, an owner of land (or a person acting on the owner's behalf with written consent) can request to make, amend or revoke a koala habitat area determination if they believe, on reasonable grounds, that the existing determination for all or part of their property is incorrect.

More information on requests to make, amend or revoke a koala habitat area determination can be found in the document Guideline - Requests to make, amend or revoke a koala habitat area determination.

The koala habitat area map will be updated at least annually to include any koala habitat areas that have been made, amended or revoked.

Changes to the koala habitat area map which occur between annual updates because of a request to make, amend or revoke a koala habitat area determination can be viewed on the register of approved requests to make, amend or revoke a koala habitat area available at: https://environment.des.qld.gov.au/wildlife/animals/living-with/koalas/mapping/koalamaps. The register includes the lot on plan for the change, the date the decision was made and the map issued to the landholder that shows areas determined to be koala habitat areas.

6.1.3 Koala priority areas

Koala priority areas are large, connected areas that have been determined to have the highest likelihood of achieving conservation outcomes for koalas based on the combination of habitat suitability, biophysical variables with known relationships to koala habitat (e.g. landcover, soil, terrain, climate and ground water) and a koala conservation cost benefit analysis.

Conservation efforts will be prioritised in these areas to ensure the conservation of viable koala populations in the wild including a focus on management (e.g. habitat protection, habitat restoration and threat mitigation) and monitoring. This includes a prohibition on clearing in koala habitat areas that are in koala priority areas under the Planning Regulation 2017 (subject to some exemptions).

Please note that koala priority areas only exist in koala district A which is the South East Queensland "Shaping SEQ" Regional Plan area. These areas include the local government areas of Brisbane, Gold Coast, Logan, Lockyer Valley, Ipswich, Moreton Bay, Noosa, Redland, Scenic Rim, Somerset, Sunshine Coast and Toowoomba (urban extent).

Section 7.2 identifies if your property is in a koala priority area.

6.1.4 Identified koala broad-hectare areas
There are seven identified koala broad-hectare areas in SEQ. These are areas of koala habitat that are located in areas committed to meet development targets in the SEQ Regional Plan to accommodate SEQ's growing population including bring-forward Greenfield sites under the Queensland Housing Affordability Strategy and declared master planned areas under the repealed *Sustainable Planning Act 2009* and the repealed *Integrated Planning Act 1997*.

Specific assessment benchmarks apply to development applications for development proposed in identified koala broad-hectare areas to ensure koala conservation measures are incorporated into the proposed development.

Section 7.2 identifies if your property is in an identified koala broad-hectare area.

6.2 Koala habitat planning controls

On 7 February 2020, the Queensland Government introduced new planning controls to the Planning Regulation 2017 to strengthen the protection of koala habitat in South East Queensland (i.e. koala district A).

More information on these planning controls can be found here:
https://environment.des.qld.gov.au/wildlife/animals/living-with/koalas/mapping/legislation-policy.

As a high-level summary, the koala habitat planning controls make:

- development that involves interfering with koala habitat (defined below) in an area that is both a koala priority area and a koala habitat area, prohibited development (i.e. development for which a development application cannot be made);
- development that involves interfering with koala habitat (defined below) in an area that is a koala habitat area but is not a koala priority area, assessable development (i.e. development for which development approval is required); and
- development that is for extractive industries where the development involves interfering with koala habitat (defined below) in an area that is both a koala habitat area and a key resource area, assessable development (i.e. development for which development approval is required).

Interfering with koala habitat means:

1. Removing, cutting down, ringbarking, pushing over, poisoning or destroying in anyway, including by burning, flooding or draining native vegetation in a koala habitat area; but
2. Does not include destroying standing vegetation stock or lopping a tree.

However, these planning controls do not apply if the development is exempted development as defined in Schedule 24 of the Planning Regulation 2017. More information on exempted development can be found here:
https://environment.des.qld.gov.au/wildlife/animals/living-with/koalas/mapping/legislation-policy.

There are also assessment benchmarks that apply to development applications for:

- building works, operational works, material change of use or reconfiguration of a lot where:

  - the local government planning scheme makes the development assessable;
  - the premises includes an area that is both a koala priority area and a koala habitat area; and
  - the development does not involve interfering with koala habitat (defined above); and

- development in identified koala broad-hectare areas.

The Guideline - Assessment Benchmarks in relation to Koala Habitat in South East Queensland assessment benchmarks outlines these assessment benchmarks, the intent of these assessment benchmarks and advice on how proposed development may meet these assessment benchmarks.

6.3 Koala Conservation Plan clearing requirements

Section 10 and 11 of the Nature Conservation (Koala) Conservation Plan 2017 prescribes requirements that must be met when clearing koala habitat in koala district A and koala district B.

These clearing requirements are independent to the koala habitat planning controls introduced into the Planning Regulation 2017, which means they must be complied with irrespective of any approvals or exemptions offered under other legislation.

Unlike the clearing controls prescribed in the Planning Regulation 2017 that are to protect koala habitat, the clearing requirements prescribed in the Nature Conservation (Koala) Conservation Plan 2017 are in place to prevent the injury or death of koalas when koala habitat is being cleared.

6.4 Contact information for DESI

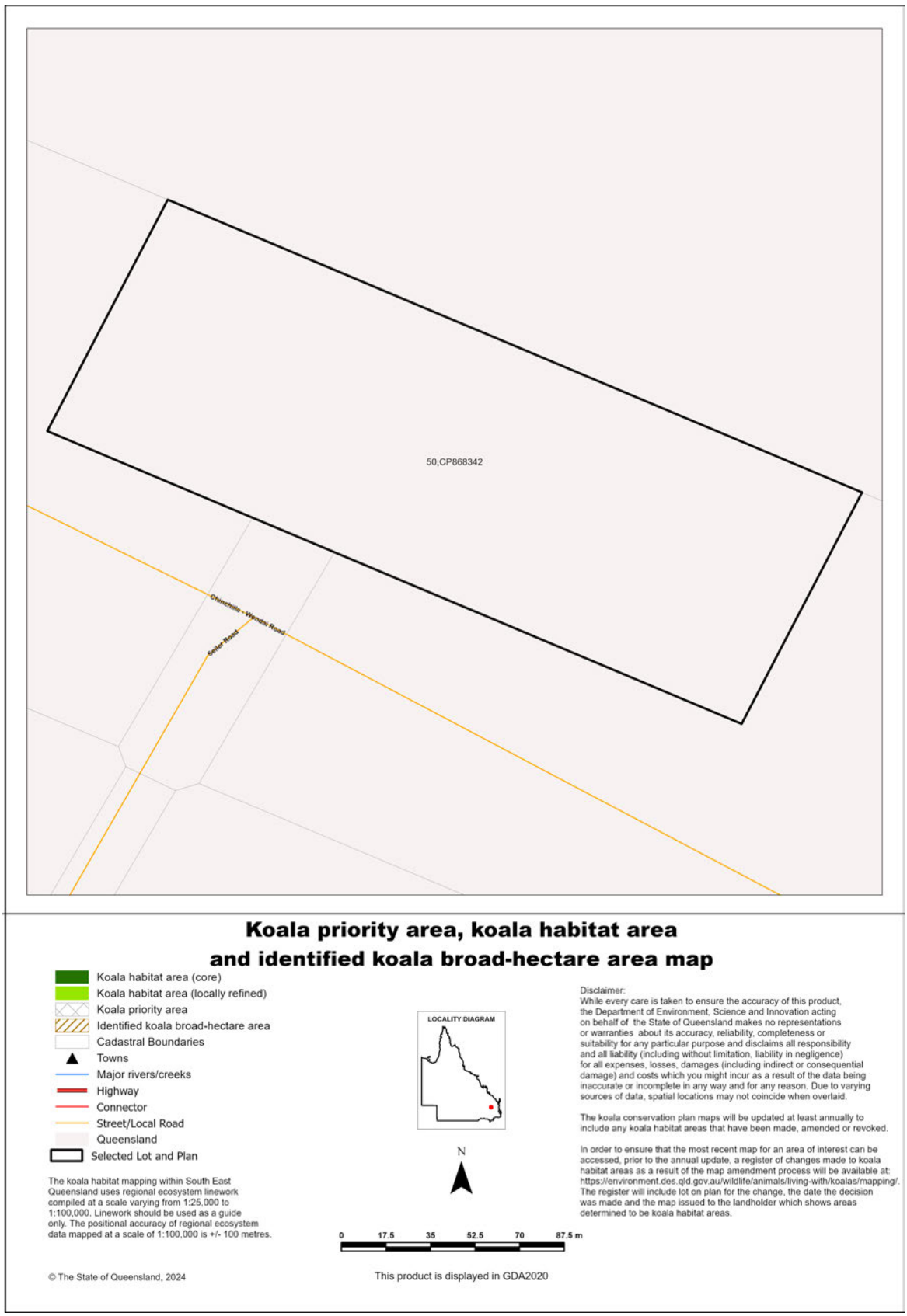
For further information on the koala protection framework:
Phone 13 QGOV (13 74 68)
Email koala.assessment@des.qld.gov.au
Visit https://environment.des.qld.gov.au/wildlife/animals/living-with/koalas/mapping

7. Koala protection framework details for Lot: 50 Plan: CP868342

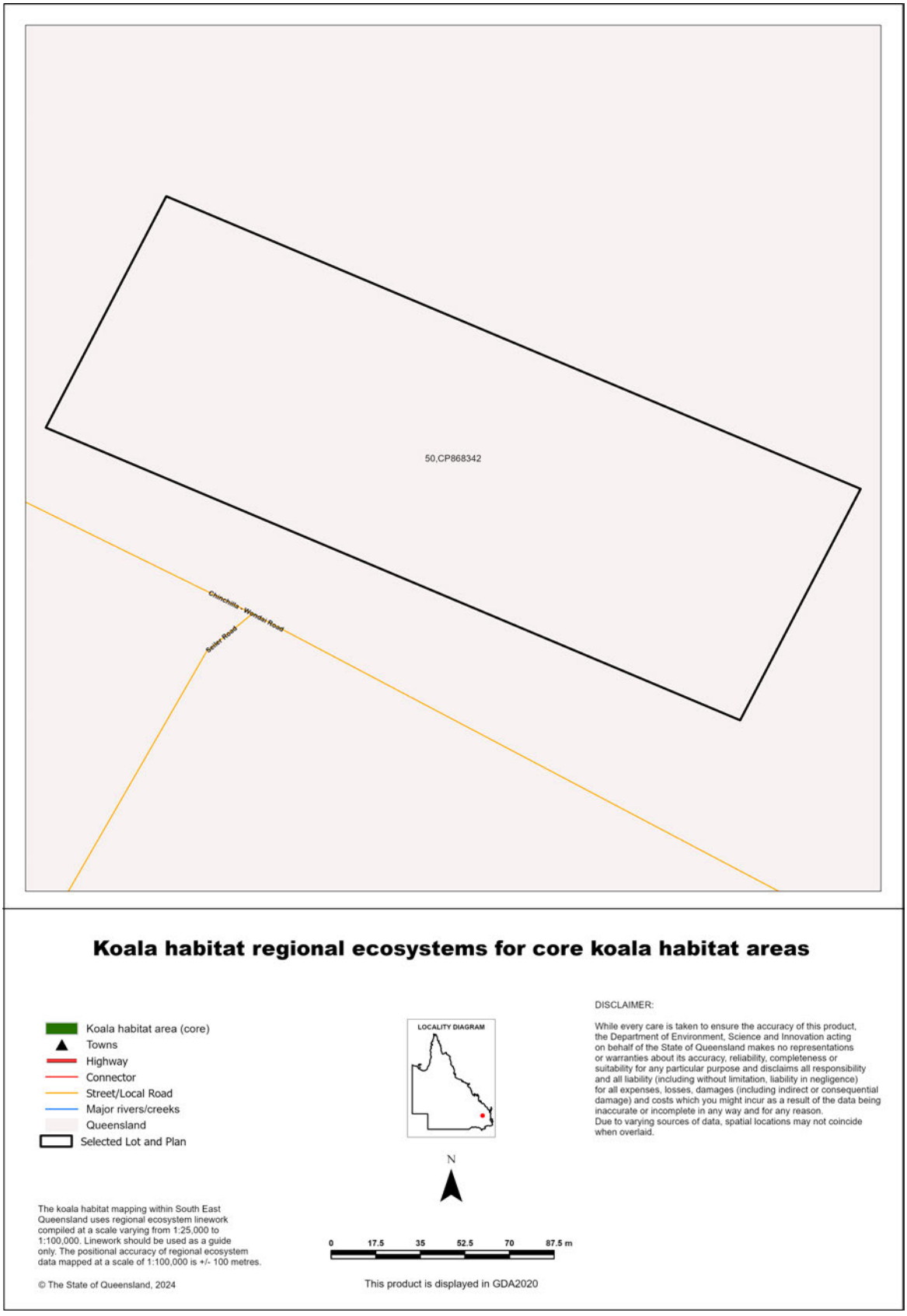
7.1 Koala districts

Koala District C

7.2 Koala priority area, koala habitat area and identified koala broad-hectare map



7.3 Koala habitat regional ecosystems for core koala habitat areas



8. Other relevant legislation contacts list

Activity	Legislation	Agency	Contact details
• Interference with overland flow • Earthworks, significant disturbance	*Water Act 2000* *Soil Conservation Act 1986*	Department of Regional Development, Manufacturing and Water (Queensland Government) Department of Resources (Queensland Government)	Ph: 13 QGOV (13 74 68) www.rdmw.qld.gov.au/ www.resources.qld.gov.au
• Indigenous Cultural Heritage	*Aboriginal Cultural Heritage Act 2003* *Torres Strait Islander Cultural Heritage Act 2003*	Department of Seniors, Disability Services and Aboriginal and Torres Strait Islander Partnerships	Ph: 13 QGOV (13 74 68) www.datsip.qld.gov.au
• Mining and environmentally relevant activities • Infrastructure development (coastal) • Heritage issues	*Environmental Protection Act 1994* *Coastal Protection and Management Act 1995* *Queensland Heritage Act 1992*	Department of Environment, Science and Innovation (Queensland Government)	Ph: 13 QGOV (13 74 68) www.des.qld.gov.au
• Protected plants and protected areas	*Nature Conservation Act 1992*	Department of Environment, Science and Innovation (Queensland Government)	Ph: 1300 130 372 (option 4) palm@des.qld.gov.au www.des.qld.gov.au
• Koala mapping and regulations	*Nature Conservation Act 1992*	Department of Environment, Science and Innovation (Queensland Government)	Ph: 13 QGOV (13 74 68) Koala.assessment@des.qld.gov.au
• Interference with fish passage in a watercourse, mangroves • Forestry activities on State land tenures	*Fisheries Act 1994* *Forestry Act 1959*	Department of Agriculture and Fisheries (Queensland Government)	Ph: 13 QGOV (13 74 68) www.daf.qld.gov.au
• Matters of National Environmental Significance including listed threatened species and ecological communities	*Environment Protection and Biodiversity Conservation Act 1999*	Department of Agriculture, Water and the Environment (Australian Government)	Ph: 1800 803 772 www.environment.gov.au
• Development and planning processes	*Planning Act 2016* *State Development and Public Works Organisation Act 1971*	Department of State Development, Infrastructure, Local Government and Planning (Queensland Government)	Ph: 13 QGOV (13 74 68) www.dsdmip.qld.gov.au
• Local government requirements	*Local Government Act 2009* *Planning Act 2016*	Department of State Development, Infrastructure, Local Government and Planning (Queensland Government)	Ph: 13 QGOV (13 74 68) Your relevant local government office
• Harvesting timber in the Wet Tropics of Qld World Heritage area	*Wet Tropics World Heritage Protection and Management Act 1993*	Wet Tropics Management Authority	Ph: (07) 4241 0500 https://www.wettropics.gov.au/

Ballogie Community Association Inc.

241 Underwoods Rd Ballogie Q 4610
ballogiecommunity@gmail.com
0403515599
ABN: 16519789867

Development Proposal by the Ballogie Community Association Inc

We the committee of the Ballogie Community Association Inc propose to SBRC to lease and develop Lot 50 CP868342 Wondai/Chinchilla Rd Ballogie for the purpose of Community sport, social and recreational gatherings.

The Ballogie population has grown greatly over the last 20 years and now includes a diverse range of people from young families, aged pensioners, people with disabilities as well as religious and cultural backgrounds. Highlighting the need for more services and support other than our local Rural Fire Brigades locations, an area that provides opportunities for community growth and support hubs. An area that local children can gather and enjoy sports and social events that is usually unavailable due to travel time and cost, improving both mental and physical health for all in our community.

Upon lease approval from SBRC the tasks we immediately plan to undertake are

- Survey land or find existing surveyor pegs.
- Clean up block (mow and whipper snip)
- Assess vegetation and land layout.
- Create all weather access and parking.
- Clear area for sporting ground/ recreational area
- Plan/build undercover area with water tank.
- Community Notice Board
- Purchase Porta loos

Followed by intended but not limited to.

- Playground
- Cemented court (basketball, handball etc.)
- Boundary fence.
- Cricket pitch
- Support Hubs (Men's shed, QCWA)

Our intensions are to provide our community with an area for social gatherings such as,

- Flea markets (boot sale, farmers market, swap an barter.)
- Sporting events (cricket, personal fitness, fun days.)
- Social events (camp cook ups, music, holiday events and playgroups.)
- Educational programs (orienteering, first aid, animal and plant studies)

Our committee consists of a Certified Grants writer, accountant and secretary as well as committed business owners from the ballogie area all with families living within Ballogie.

Chairperson: Ray Robinson

Vice Chairperson: Patricia Blinco

Treasurer: Les Alberts

Secretary: Karen Holmes

Grant Writer: Ardella Alberts

Promotions: Anna Wills

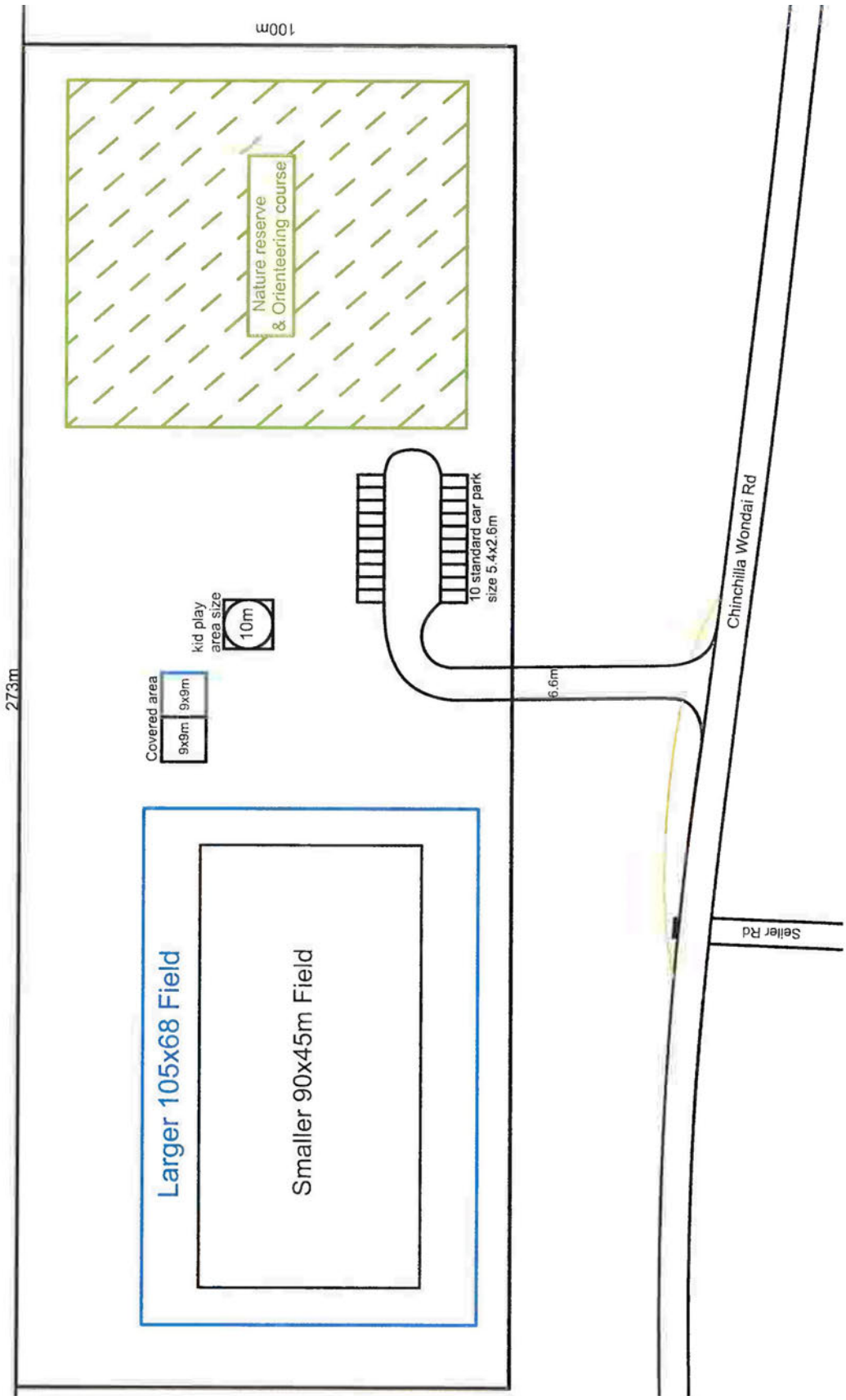
Chronicle Reporter/support position: Kane Wills

We the committee understand there is great expense and commitment required to achieve these goals and have outlined our funding and management strategies.

- Recyclables Donations
- Monthly markets site fees
- Events gate fees
- Sponsorships
- Donations
- Offsite fundraising
- Grants
- Membership fees
- Charity Auctions
- Working bees
- Volunteers

The community of Ballogie and surrounding area has raised this isolation issue and need for the outlined proposal, the development proposed by this committee addresses these needs and provides for the future of the people in this region of the South Burnett to have a vibrant and supportive community.




100m
Nature reserve
& Orienteering course
10 standard car park
size 5.4x2.6m
Chinchilla Wondai Rd
kid play
area size
10m
Covered area
9x9m
9x9m
273m
6.6m
Larger 105x68 Field
Smaller 90x45m Field
Seller Rd

QUEENSLAND

Associations Incorporation Act 1981
Section 15

Form 15

Incorporation Number **IA4753232**

Certificate of Incorporation

This is to certify that

BALLOGIE COMMUNITY ASSOCIATION INC

is, on and from the seventh day of February 2024 incorporated under the Associations Incorporation Act 1981.

Dated this twenty-fifth day of March 2024

Delegate of the Director-General

Office of Fair Trading
www.qld.gov.au/fairtrading

Australian Government
Australian Taxation Office

042
03110-

BALLOGIE COMMUNTY ASSOCIATION INC
241 UNDERWOODS RD
BALLOGIE QLD 4610

Our reference: 7149249271381

3 June 2024

156P_04NSDL89343P1MBL/E-3110/S-3311/I-5621/

Your tax file number

Dear Sir/Madam

The details of your tax file number registration are:

Name: BALLOGIE COMMUNTY ASSOCIATION INC

Tax file number: [redacted]

It's important to keep this letter and any other document with your tax file number on it, in a safe place.

You should quote this tax file number when contacting us as it will help us find your information faster.

You will be asked to provide your tax file number to financial institutions and investment bodies when you open accounts or make investments with them. You don't have to give your tax file number to these organisations, but if you don't, they may withhold more tax from any investment returns or interest they pay to you.

For more information
You can find out more on our website **www.ato.gov.au/tfn**

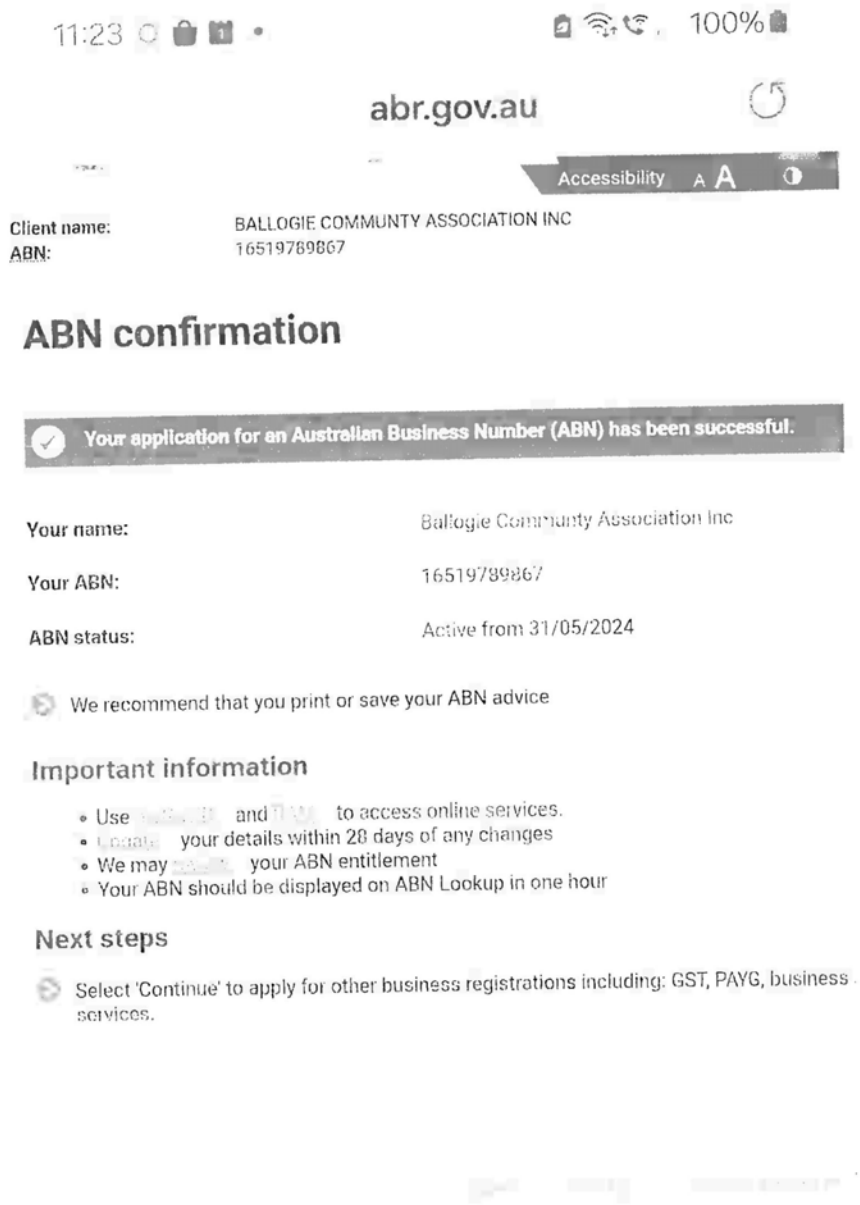
For information about your rights and obligations, go to **www.ato.gov.au/taxpayerscharter**

Yours faithfully

David Allen
Deputy Commissioner of Taxation

E03109-S00001-F289343

70155.357492-11-2020



11:23 100%

abr.gov.au

Accessibility A A

Client name: BALLOGIE COMMUNTY ASSOCIATION INC
ABN: 16519769867

ABN confirmation

Your application for an Australian Business Number (ABN) has been successful.

Your name:	Ballogie Community Association Inc
Your ABN:	16519789867
ABN status:	Active from 31/05/2024

We recommend that you print or save your ABN advice

Important information

- Use and to access online services.
- your details within 28 days of any changes
- We may your ABN entitlement
- Your ABN should be displayed on ABN Lookup in one hour

Next steps

Select 'Continue' to apply for other business registrations including: GST, PAYG, business services.

Petition for land use at Ballogie

We, the Ballogie residents. Have signed this petition to council, to clear land LOT 50 CP868342 for the use of recreational and social community events for the Ballogie and surrounding residents.

NAME	SIGNATURE	CONTACT (optional)
Emil Costello	[redacted]	
NORMAN GEACH		
Sue Dawson		
STUART GIBSON		
R ROBINSON		
Catherine Lix		
Fiona Nitschke		
Kath Casey		
P DAVID McGUANE		
Margaret McGuane		
Kenneth Turner		
[illegible]		
[illegible]		
[illegible]		
[illegible]		
Colin Harris		
[illegible]		
[illegible]		
[illegible]		
[illegible]		
[illegible]		
[illegible]		
RHONDA KING		

Petition for land use at Ballogie

We, the Ballogie residents. Have signed this petition to council, to clear land LOT 50 CP868342 for the use of recreational and social community events for the Ballogie and surrounding residents.

NAME	SIGNATURE	CONTACT (optional)
Karen Holmes	[redacted]	
[illegible]		
Patricia Blanco		
[redacted]		
Miloha Turner		
ANNA WILLS		
Joe Vercoe		
[illegible]		
[illegible]		
Ardella Alberts		
Les Alberts		
James Langley		
Laura Freeman		
MICK JOSLAND		
Fiona Nitschke		
Morgan Mullins		

Petition for land use at Ballogie

We, the Ballogie residents. Have signed this petition to council, to clear land LOT 50 CP868342 for the use of recreational and social community events for the Ballogie and surrounding residents.

NAME	SIGNATURE	CONTACT (optional)
Tom Uktolg	[redacted]	
JANE SHERTON		
JAMES SHERTON		

Petition for land use at Ballogie

We, the Ballogie residents. Have signed this petition to council, to clear land LOT 50 CP868342 for the use of recreational and social community events for the Ballogie and surrounding residents.

NAME	SIGNATURE	CONTACT (optional)

14.7 TRUSTEE LEASE - WONDAI COUNTRY CLUB INC.

File Number: **17-07-2024**

Author: **Lease Officer**

Authoriser: **Chief Executive Officer**

PRECIS

The Wondai Country Club Inc. are seeking to formalise tenure by entering a trustee lease.

SUMMARY

The Wondai Country Club Inc. (the Club) are seeking to enter a trustee lease for Lot 224 on Crown Plan FY2135, known as the Wondai Golf Course.

OFFICER'S RECOMMENDATION

That South Burnett Regional Council:

1. In accordance with section 236(1)(b)(ii) of the *Local Government Regulation 2012* applies to disposal of a valuable non-current asset by way of entering a trustee lease for Lot 224 on FY2135, to the Wondai Country Club Inc. for a term of 10 years.
2. Pursuant to section 257(1)(b) of the *Local Government Act 2009*, South Burnett Regional Council delegates to the Chief Executive Officer the power to negotiate, finalise and execute the trustee lease with the Wondai Country Club Inc. on terms considered satisfactory to Council.

FINANCIAL AND RESOURCE IMPLICATIONS

Rent for the lease will be a concessional rent applied to all community and not for profit groups of $75.00 per year (excluding GST).

Council will be responsible for any costs associated with the preparation of the lease including registration of the Trustee Lease.

LINK TO CORPORATE/OPERATIONAL PLAN

IN10: Investigate options for leasing opportunities to not-for-profit groups and organisations.

COMMUNICATION/CONSULTATION (INTERNAL/EXTERNAL)

The Club contacted Council seeking landowner's consent to apply for grant funding to upgrade the lights for the bowling green. Council provided consent on the provision that the Club enter a trustee lease to secure tenure.

LEGAL IMPLICATIONS (STATUTORY BASIS, LEGAL RISKS)

The land is a Reserve for Recreation with Council as the Trustee. The proposed Trustee Lease complies with the requirements of *section 7(2)* of *Land Regulation 2020* and the *Land Act 1994*.

An offer of a Trustee Lease to a community group is in accordance with *section 236(1)(b)(ii) of Local Government Regulation 2012.*

POLICY/LOCAL LAW DELEGATION IMPLICATIONS

Offering of a Trustee Lease is in accordance with Council's Property Lease Policy and Disposal of Assets Policy.

ASSET MANAGEMENT IMPLICATIONS

The Wondai Country Club Inc. will be responsible for the maintenance and repairs to the property including slashing and mowing the grounds, vermin control and noxious weed control.

The Wondai Proston Wolves Rugby League Club Inc. (Rugby League) have a current Deed of Licence to Occupy which extends onto the golf course from the sports grounds by 12m x 71m, a clause to recognise the licence area has been included into the draft lease. Rugby League will be responsible for the maintenance and repairs to the toilets and shed located within the section of the licence area.

REPORT

RPD: Lot 224 on FY2135

Area: 32.7 ha

Property Name: Wondai Golf Club & Bowling Club

Tenure: Reserve for Recreation

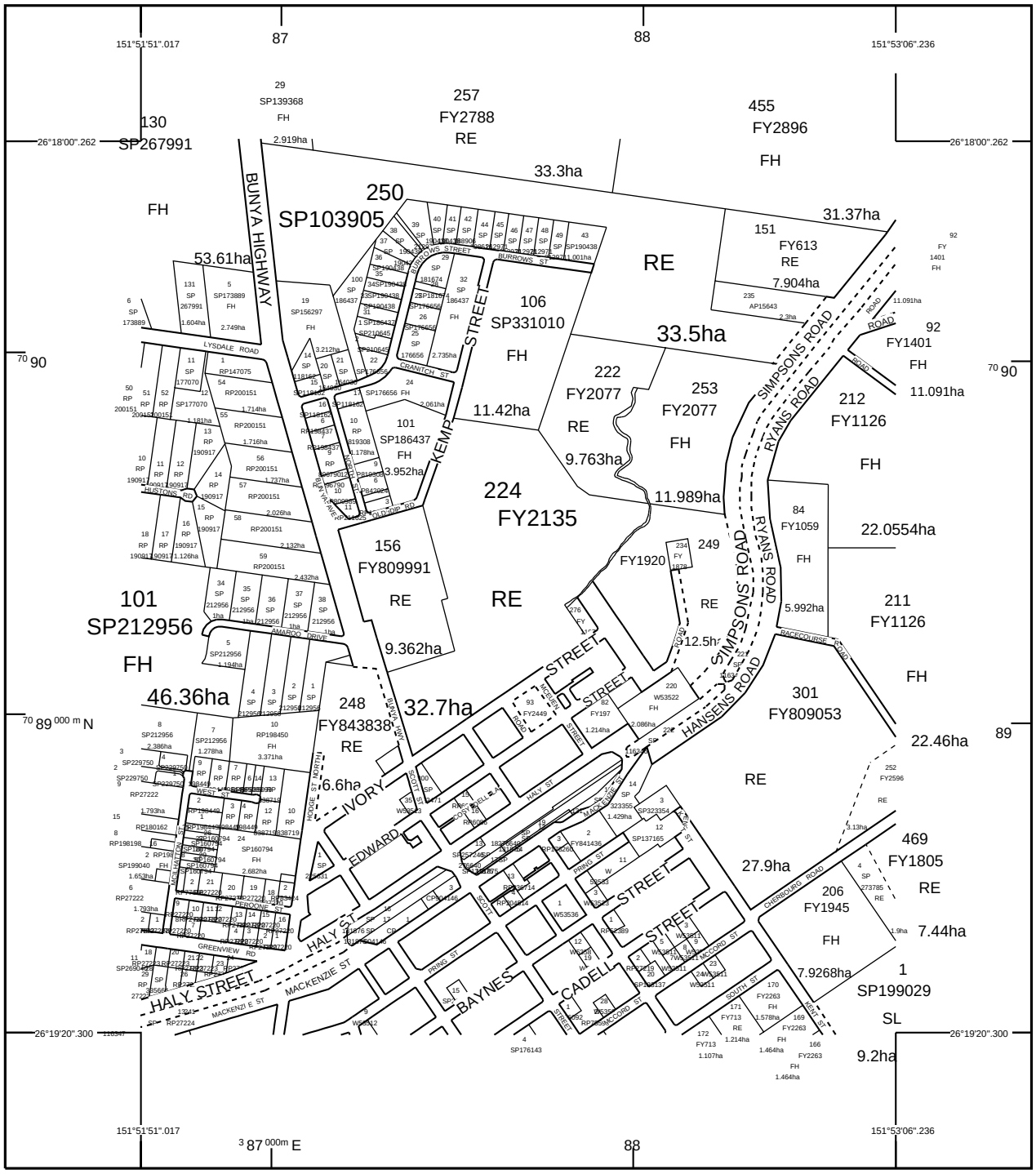
Trustee: South Burnett Regional Council

Background:

The Wondai Country Club Inc. have occupied the Wondai Golf and Bowls Club for the past 75 years and have managed the grounds and facilities for this time. The Club is now seeking to secure tenure by entering a Trustee Lease.

ATTACHMENTS

1. **Smart Map - 224FY2135**
2. **Title - 224FY2135**
3. **Wondai Sports Grounds - Area E - Permit extends into Lot 224 on FY2135**



STANDARD MAP NUMBER
9245-24122

0 300 600 900 1200 1500 m

HORIZONTAL DATUM:GDA94 ZONE:56 SCALE 1 : 15000

MAP WINDOW POSITION & NEAREST LOCATION

151°52'28".627
26°18'40".281
WONDAI
0.80 KM

SUBJECT PARCEL DESCRIPTION

DCDB

Lot/Plan	224/FY2135
Area/Volume	32.7ha
Tenure	RESERVE
Local Government	SOUTH BURNETT REGIONAL
Locality	WONDAI
Segment/Parcel	47187/6

CLIENT SERVICE STANDARDS

PRINTED 22/02/2024

DCDB 21/02/2024 (Lots with an area less than 1500m² are not shown)

Users of the information recorded in this document (the Information) accept all responsibility and risk associated with the use of the Information and should seek independent professional advice in relation to dealings with property.

Despite Department of Resources best efforts, RESOURCES makes no representations or warranties in relation to the Information, and, to the extent permitted by law, exclude or limit all warranties relating to correctness, accuracy, reliability, completeness or currency and all liability for any direct, indirect and consequential costs, losses, damages and expenses incurred in any way (including but not limited to that arising from negligence) in connection with any use of or reliance on the Information

For further information on SmartMap products visit

SmartMap
An External Product of SmartMap Information Services

Based upon an extraction from the Digital Cadastral Data Base

Queensland Government

(c) The State of Queensland, (Department of Resources) 2024.

INTERNAL CURRENT RESERVE SEARCH
NATURAL RESOURCES, MINES AND ENERGY, QUEENSLAND

Search Date: 26/05/2020 08:56 Title Reference: 49009821
Date GAZETTED: 08/03/1969
PAGE: 766

Opening Ref: SL 25318
Purpose: RECREATION
Sub-Purpose:
Local Name: WONDAI GOLFCLUB AND BOWLING CLUB
Address: BUNYA HWY, WONDAI
County (R) No: R672
File Ref: RES 13459

TRUSTEES

SOUTH BURNETT REGIONAL COUNCIL GAZETTED ON 08/03/1969
PAGE 766

LAND DESCRIPTION

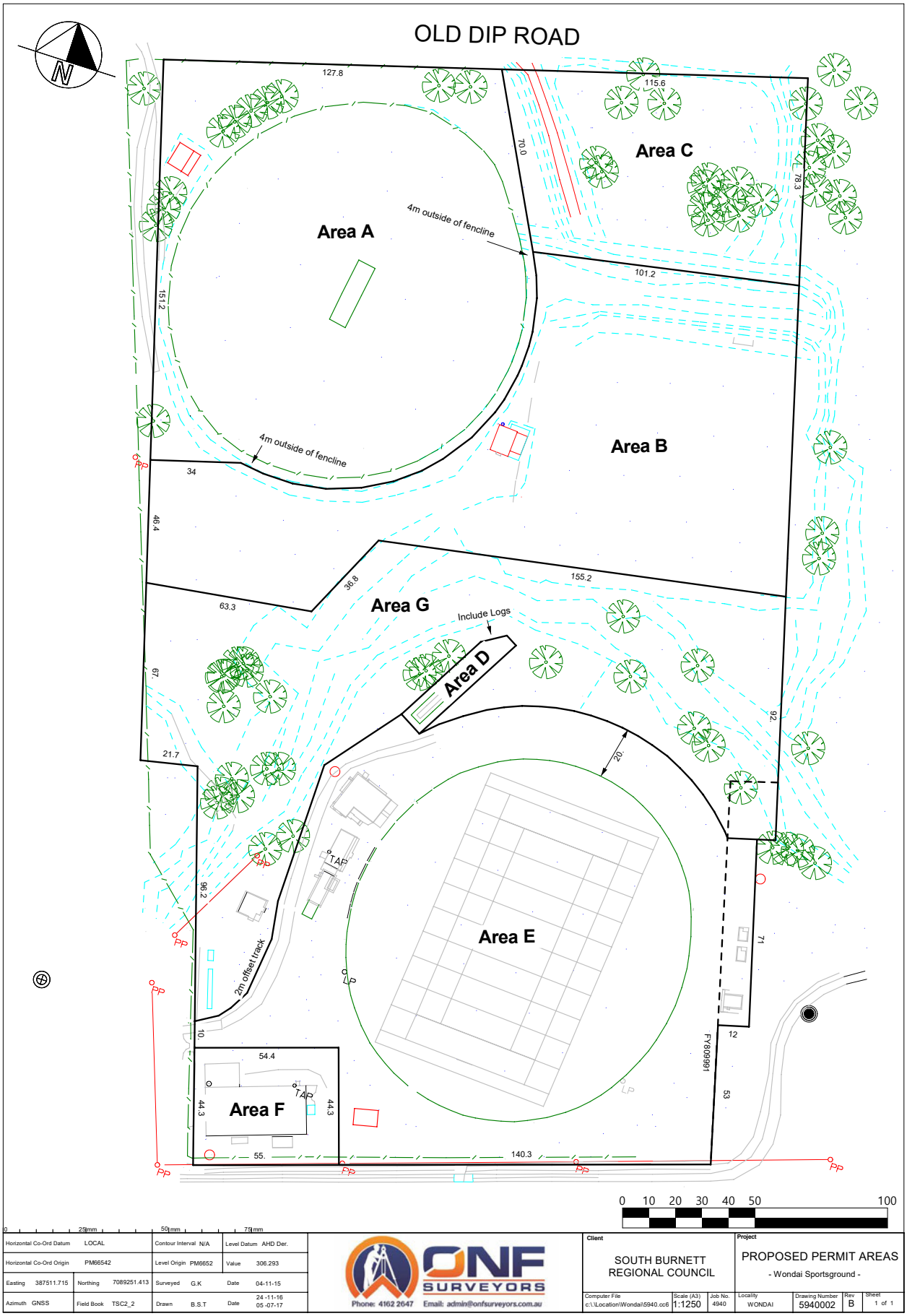
LOT 224 CROWN PLAN FY2135 GAZETTED ON 08/03/1969 PAGE 766
Local Government: SOUTH BURNETT

Area: 32.700000 Ha. (ABOUT)

EASEMENTS AND ENCUMBRANCES

ADMINISTRATIVE ADVICES - NIL
UNREGISTERED DEALINGS - NIL

** End of Current Reserve Search **


OLD DIP ROAD
Area A
Area B
Area C
Area D
Area E
Area F
Area G
4m outside of fencline
4m outside of fencline
Include Logs
2m offset track
127.8
115.6
70.0
78.3
101.2
151.2
34
46.4
155.2
36.8
63.3
67.
21.7
92
20.
98.2
71
12
53
140.3
55.
54.4
44.3
44.3
10
FY8099991
TAP
TAP
PP
PP
PP
PP
PP
PP
LP
0 10 20 30 40 50 100
Horizontal Co-Ord Datum LOCAL
Contour Interval N/A
Level Datum AHD Der.
Horizontal Co-Ord Origin PM66542
Level Origin PM6652
Value 306.293
Easting 387511.715
Northing 7089251.413
Surveyed G.K
Date 04-11-15
Azimuth GNSS
Field Book TSC2_2
Drawn B.S.T
Date 24-11-16 05-07-17
ONF SURVEYORS
Phone: 4162 2647 Email: admin@onfsurveyors.com.au
Client
SOUTH BURNETT REGIONAL COUNCIL
Project
PROPOSED PERMIT AREAS
- Wondai Sportsground -
Computer File c:\Location\Wondai\5940.cc6
Scale (A3) 1:1250
Job No. 4940
Locality WONDAI
Drawing Number 5940002
Rev B
Sheet 1 of 1

14.8 RENEWAL OF SUB-SUBLEASE - SOUTH BURNETT GEM AND FOSSICKING CLUB INC.

File Number: **17-07-2024**

Author: **Lease Officer**

Authoriser: **Chief Executive Officer**

PRECIS

To renew the lease for the South Burnett Gem and Fossicking Club Inc.

SUMMARY

The South Burnett Gem and Fossicking Club Inc (the Club) has requested to renew their sub-sublease on Part of Lot 18 on SP276640, Bunya Highway, Tingoora.

OFFICER'S RECOMMENDATION

That South Burnett Regional Council

1. In accordance with section 236(1)(b)(ii) of the *Local Government Regulation 2012* applies to the disposal of a valuable non-current asset by way of entering a sub-sublease for part of Lot 18 on SP276640, being the Wondai Railway Station Building to the South Burnett Gem and Fossicking Club Inc. for a term of 5 years.
2. Pursuant to section 257(1)(b) of the *Local Government Act 2009*, South Burnett Regional Council delegates to the Chief Executive Officer the power to negotiate, finalise and execute the sub-sublease with the South Burnett Gem and Fossicking Club Inc. on terms and conditions considered satisfactory to Council.

FINANCIAL AND RESOURCE IMPLICATIONS

Rent for the Sub-sub-lease will be a concessional rate applied to all community and not for profit groups of $75.00 per year (excluding GST).

The Club will continue to pay for utilities including electricity as per clause 3.02 of the current sub-sublease.

Council will be responsible for any costs involved with the preparation of the sub-sub-lease or plans required.

LINK TO CORPORATE/OPERATIONAL PLAN

IN10: Investigate options for leasing opportunities to not-for-profit groups and organisations.

COMMUNICATION/CONSULTATION (INTERNAL/EXTERNAL)

South Burnett Gem and Fossicking Club Inc. contacted Council in February 2024 seeking landowners' consent to improve the building. Council advised that the sub-sublease was going to expire on 31 December 2024 and sort their views to renew the sub-sublease.

Council has contacted the Department of Transport and Main Roads (TMR) for approval to renew the sub-sublease as per Sublease terms and conditions. TMR have approved for the Club to renew the sub-sublease for a further five (5) years.

LEGAL IMPLICATIONS (STATUTORY BASIS, LEGAL RISKS)

An offer to renew the sub-sublease to a community organisation complies with section 236 of the *Local Government Regulation 2012.*

The Sub-sublease acknowledged the Sub-lease and Head Lease from the State under clause 14.

POLICY/LOCAL LAW DELEGATION IMPLICATIONS

Offering to renew the sub-sublease is in accordance with Council's Property Leasing Policy and Disposal of Assets Policy.

ASSET MANAGEMENT IMPLICATIONS

The South Burnett Gem and Fossicking Club Inc. will continue to maintain the building and with consent from Council and TMR as per clause 3.03, they have applied for grant funding to install new air conditioning units, a new security door and new power points.

REPORT

Property Detail: Wondai Railway Station Building

RPD: Part of Lot 18 on SP276640

Property Address: Bunya Highway, Tingoora

Tenure: Sub-Lease

Background:

Council sub-leases Lot 18 on SP276640 from the State represented by the Department of Transport and Main Roads (TMR) as a part of the Kilkivan to Kingaroy Rail Trail. With approval from the TMR, Council entered a sub-sublease with the South Burnett Gem & Fossicking Club Inc. (the Club) for the Wondai Railway Station Building on 1 January 2021 with the lease expiring on 31 December 2024.

The Club is now seeking to renew their lease and TMR have approved an additional term of 5 years.

ATTACHMENTS

1. **Map - Railway Station Building - Wondai** ⇩
2. **Wondai Railway Building floor plan** ⇩

Wondai Railway Station Building

Part of Lot 18on SP276640

26°19'2"S 151°52'25"E 26°19'2"S 151°52'29"E



26°19'5"S 151°52'25"E 26°19'5"S 151°52'29"E

A product of Queensland Globe

Legend located on next page

N

0 10 metres

Scale: 1:669

Printed at: A4

Print date: 24/6/2024

Not suitable for accurate measurement.

Projection: Web Mercator EPSG 102100 (3857)

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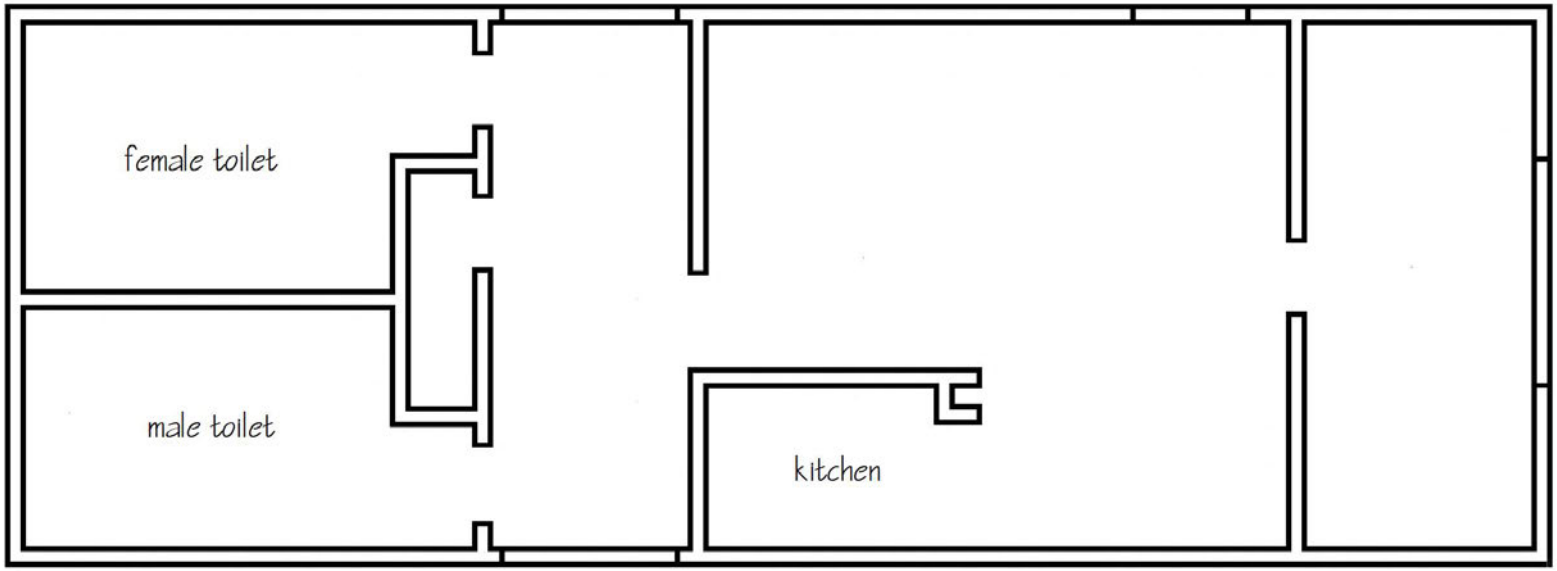
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Queensland Government
Department of Resources

Wondai Railway Station Building

floor plan - not to scale



14.9 LEASE - WOOROOLIN COMMUNITY COMMITTEE INC.

File Number: **10/07/2024**

Author: **Lease Officer**

Authoriser: **Chief Executive Officer**

PRECIS

The Wooroolin Community Committee Inc. have requested to enter a lease for Lot 22-25 on RP37052, for the Wooroolin Tennis Facility.

SUMMARY

Council received a request from the Wooroolin Community Committee Inc. to enter a Lease for the Wooroolin Tennis Facility to be able to apply for grant funding for capital improvements to have the facility reopened for the community.

OFFICER'S RECOMMENDATION

That South Burnett Regional Council:

1. In accordance with section *236(1)(b)(ii)* of the *Local Government Regulation 2012* applies to disposal of a valuable non-current asset by was of entering a lease for Lot 22-25 on RP37052, being the Wooroolin tennis courts to the Wooroolin Community Committee Inc. for a term of 10 years.
2. Pursuant to *section 257(1)(b)* of the *Local Government Act 2009*, South Burnett Regional Council delegates to the Chief Executive Officer the power to negotiate, finalise and execute the lease with the Wooroolin Community Committee Inc. on terms considered satisfactory to Council.

FINANCIAL AND RESOURCE IMPLICATIONS

Rent for the lease will be concessional rent applied to community and non for profit groups of $75.00 per annum (plus GST).

The Wooroolin Community Committee Inc. have applied for grant funding to improve the surface of the tennis courts and other capital improvements to the facility.

LINK TO CORPORATE/OPERATIONAL PLAN

IN10: Investigate options for leasing opportunities to not-for-profit groups and organisations.

OPL/14: Management of Council's buildings and facilities including operational maintenance programmes, commercial and community leases and cost-effective asset management programs to meet agreed service levels.

COMMUNICATION/CONSULTATION (INTERNAL/EXTERNAL)

The Wooroolin Community Committee Inc. have requested to the lease the tennis facility at Wooroolin and through Cr Ros Heit have sort landowners' consent to apply for grant funding to improve the facility.

LEGAL IMPLICATIONS (STATUTORY BASIS, LEGAL RISKS)

An offer of a Lease to a community organisation is in accordance with *section 236(1)(b)(ii)* of the *Local Government Act 2012*.

POLICY/LOCAL LAW DELEGATION IMPLICATIONS

Offer of a Lease is in accordance with Council's Property Lease Policy and Disposal of Assets Policy.

ASSET MANAGEMENT IMPLICATIONS

The Tennis Courts have fallen into disrepair since the original lease was handed back to Council in 2016.

Redevelopment required:

- Reseal and resurface the tennis courts;
- Fencing repairs;
- Improvements to the clubhouse; and
- Lighting upgrade with power connection for night games.

Council has provided a letter of landowners' consent for the Committee to apply for grant funding to achieve this redevelopment.

REPORT

RPD: Lot 22-25 on RP37052

Land Address: 23 Alexander Street, Wooroolin

Tenure: Freehold

Background:

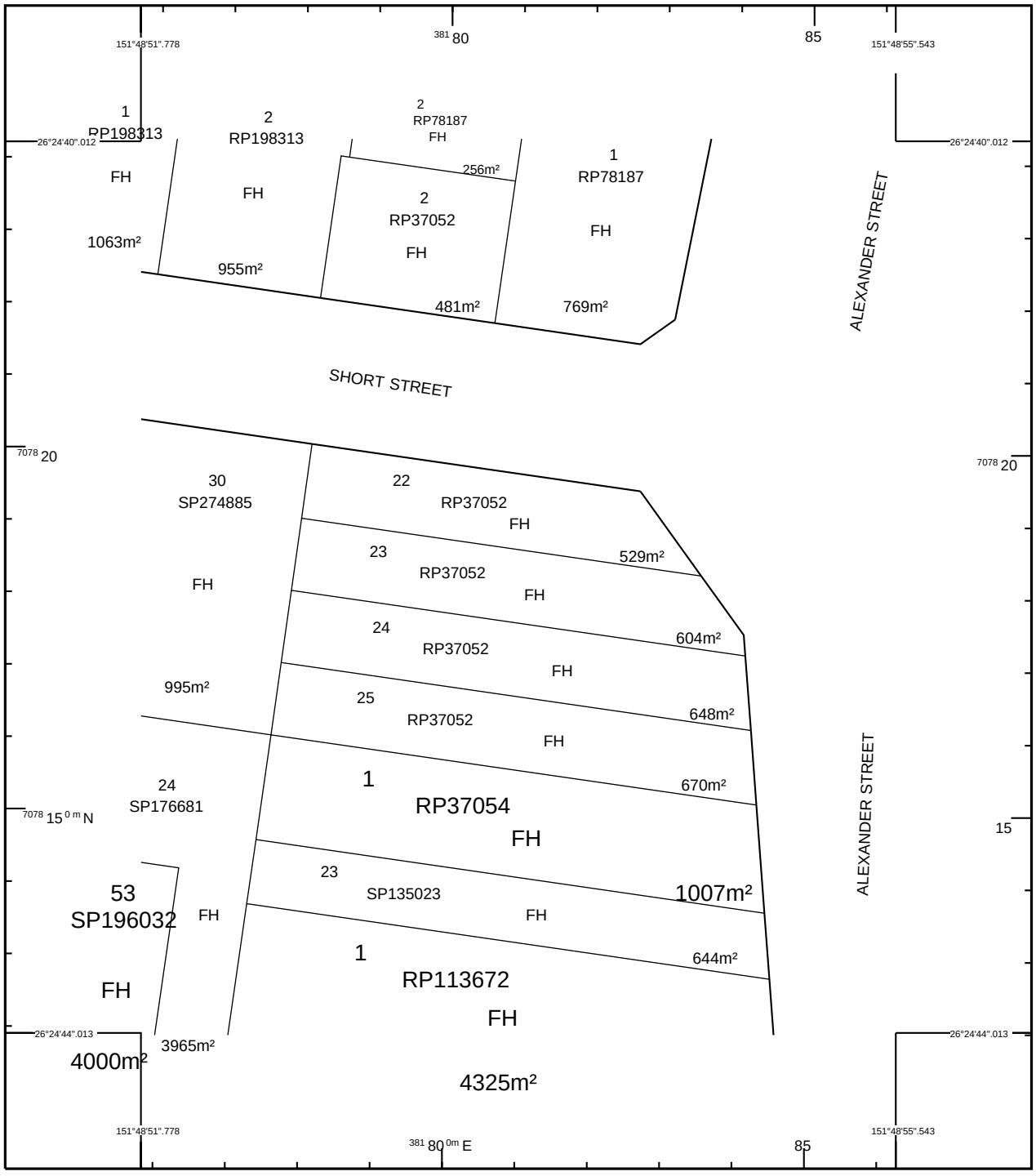
The Wooroolin Community Committee Inc. (the Committee) currently manage the Wooroolin Community Hall and the Wooroolin Sports Grounds as trustees of the land.

The tennis courts were leased to the Committee (previously Wooroolin Sporting Club) from 1 November 1996. In October 2016, the Committee advised Council that they could no longer manage or maintain the facility. Council advised that no funds would not be committed to undertake any upgrades, repairs, or improvements to the courts and that the courts would remain in their current state of condition.

The tennis courts have degraded and are not currently in a safe or usable condition, the Committee are seeking a lease and grant funding to redevelop the facility and re-invigorate the community use of the facility after improvements have been made.

ATTACHMENTS

1. **Smart Map - Lot 22-25 on RP37052** ⇩
2. **Current Title - Lot 22-25 on RP37052** ⇩
3. **Drone Photos – Wooroolin Tennis Facility 2019** ⇩



STANDARD MAP NUMBER
9245-23134

0 15 30 45 60 75 m

HORIZONTAL DATUM:GDA94 ZONE:56 SCALE 1 : 750

MAP WINDOW POSITION & NEAREST LOCATION

151°48'53".661
26°24'42".013
WOOROOLIN
0.24 KM

GDA

SUBJECT PARCEL DESCRIPTION

DCDB

Lot/Plan	23/RP37052
Area/Volume	604m²
Tenure	FREEHOLD
Local Government	SOUTH BURNETT REGIONAL
Locality	WOOROOLIN
Segment/Parcel	37999/65

CLIENT SERVICE STANDARDS

PRINTED 18/07/2023

DCDB 17/07/2023

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INTERNAL CURRENT TITLE SEARCH
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Search Date: 18/07/2023 16:51 Title Reference: 12432243
Date Created: 09/05/1949

Previous Title: 12352158
12352159

REGISTERED OWNER

Dealing No: 712669648 18/08/2009

SOUTH BURNETT REGIONAL COUNCIL

ESTATE AND LAND

Estate in Fee Simple

LOT 22	REGISTERED PLAN 37052 Local Government: SOUTH BURNETT
LOT 23	REGISTERED PLAN 37052 Local Government: SOUTH BURNETT
LOT 24	REGISTERED PLAN 37052 Local Government: SOUTH BURNETT
LOT 25	REGISTERED PLAN 37052 Local Government: SOUTH BURNETT

EASEMENTS, ENCUMBRANCES AND INTERESTS

1. Rights and interests reserved to the Crown by
Deed of Grant No. 11041076 (POR 155V)

ADMINISTRATIVE ADVICES - NIL
UNREGISTERED DEALINGS - NIL

** End of Current Title Search **

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Drone Photos – Wooroolin Tennis Facility 2019















14.10 ACCESS LICENCE - LOT 2 ON RP27660 AND MOUNTAIN VIEW LANE

File Number: **17-07-2024**

Author: **Lease Officer**

Authoriser: **Chief Executive Officer**

PRECIS

Ergon Energy Corporation Ltd has requested to enter an access licence to construct an access road through the remaining unmade section of Mountain View Lane and through part of Lot 2 on RP27660, Mondure Wheatlands Road.

SUMMARY

Ergon Energy Corporation Limited has requested to enter an Access Licence with Council to construct a gravel access track through the unmade section of Mountain View Land through part of Lot 2 on RP27660, being the old rail trail land which Council sublease from the Department of Transport & Main Roads.

OFFICER'S RECOMMENDATION

That South Burnett Regional Council:

1. Enter an Access Licence for Part of Lot 2 on RP27660 and the remaining unmade section of Mountain View Lane with Ergon Energy Corporation Limited for a term of 10 years.
2. Pursuant to section 257(1)(b) of the Local Government Act 2009, South Burnett Regional Council delegates to the Chief Executive Officer the power to negotiate, finalise and execute the access licence with Ergon Energy Corporation Limited on terms considered satisfactory to Council.

FINANCIAL AND RESOURCE IMPLICATIONS

Ergon Energy will be responsible for any costs associated with the construction and maintenance of the access track from the unmade section of Mountain View Lane through part of Lot 2 on RP27660 to Energy Queensland infrastructure located on Lot 2 on RP27661.

LINK TO CORPORATE/OPERATIONAL PLAN

IN6: Continue to provide and investigate options to improve rail trail infrastructure, residential footpaths, and cycleways to promote connectivity.

COMMUNICATION/CONSULTATION (INTERNAL/EXTERNAL)

The Department of Transport & Main Roads (TMR) passed on an enquiry from Ergon Energy Corporation Limited (Ergon) seeking to enter an Access Licence to build a gravel access track on part of Lot 2 on RP27660, being the old rail corridor. TMR advised that the railway corridor was subleased to Council and would be happy to consent to the proposal provided Council support entering an Access Licence with Ergon.

Internal views were sort from Council's Executive Leadership Team and Senior Leadership Team, with no-objections being received on the provision that Ergon maintain and renew the asset.

LEGAL IMPLICATIONS (STATUTORY BASIS, LEGAL RISKS)

The Access Licence will acknowledge the sublease and head lease including clause 2 being the land is primarily used for transport, clause 9 for consent to enter a licence and clause 10 for removal of structures and delivery up of land upon termination. The Access Licence will comply with the *Land Act 1994*.

POLICY/LOCAL LAW DELEGATION IMPLICATIONS

Entering an Access Licence agreement with Ergon Energy Corporation Limited is in alignment with Council's Property Leasing Policy.

Construction of the gravel track is in alignment with Council's Construction of Unmade Roads Policy, noting that Council will not maintain the section of the gravel access track once constructed.

ASSET MANAGEMENT IMPLICATIONS

Mountain View Lane is a formed and maintained road for up to 240 metres from Mondure Wheatlands Road. Ergon are proposing to construct and maintain a gravel access track from the end of the formed section of road.

Council sublease Lot 2 on RP27660 as apart of the old rail corridor from the State of Queensland represented by the Department of Transport & Main Roads (TMR) until 1 July 2037. TMR has consented to the proposal from Ergon provided Council support entering an Access Licence.

REPORT

RPD: Part of Lot 2 on RP27660

Land Address: Mondure Wheatlands Road, Mondure

Known as: Old Railway Corridor

Tenure: Lands Lease

Sublessor: Department of Transport & Main Roads (TMR)

Sublessee: South Burnett Regional Council (Council)

Licensee: Ergon Energy Corporation Limited (Ergon)

Background:

Ergon contacted TMR seeking approval to construct a gravel access track on part of Lot 2 on RP27660. Council subleases the land from TMR whom have consented to Ergon's proposal provided Council support entering an Access Licence.

Ergon propose to construct a gravel access track from the unmade section of Mountain View Lane through part of Lot 2 on RP27660 to maintain Energy Queensland infrastructure located on Lot 2 on RP27661 as the current access track has been removed by the current landowner.

Mountain View Lane is a newly formed road for 240 metres off Mondure Wheatlands Road and is recognised as a class 5B lower order access road which was resolved at an ordinary meeting of Council on 28 June 2023. The Access Licence will condition for Ergon to maintain the gravel track from the 240 metres through to Lot 2 on RP27661.

ATTACHMENTS

1. **Energy Queensland - Specification for Land Management Construction** ⇩
2. **Energy Queensland - Land Management - Work Category Specification WCS1.5** ⇩
3. **Aerial Map of Proposed Access Track - Ergon Energy** ⇩
4. **Current Title - 2RP27660 - Mondure Rail Trail** ⇩

Land Management

Specification for Land Management Construction

Specification for Land Management Construction

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Specification for Land Management Construction

2 Overview

2.1 Purpose

This specification has been created and has been made available for the construction of *Energy Queensland* Limited (EQL) *Land Management* infrastructure and is to ensure the meeting of *Energy Queensland*'s requirements. External companies should not use this specification to construct non-*Energy Queensland* assets.

This document defines the minimum acceptable specifications for various *Land Management* constructions required by *Energy Queensland* Limited (EQL).

The requirements of this document shall be utilsied inconjunction with the all the relevent Work Category Specifications applicable to *Energy Queensland Land Management* activities.

2.2 Scope

All *Land Management Service Provider*s contracted to *Energy Queensland* must ensure that their supplied service products meet the required outcomes of this specification in addition to any minimum regulatory Standards.

Energy Queensland may vary this Specification at any time. All *Service Providers* actioning *Land Management* services for *Energy Queensland* have the responsibility to ensure their compliance to the latest version of this document. Any identified required variations that will affect the minimum acceptable Specification due to site conditions shall be endorsed by the relevant *Energy Queensland Issuing Officer* prior to works commencing.

3 References

3.1 Legislation, regulations, rules, and codes

Provide Services in accordance with (but not limited to) the latest versions of:

Acts:

- Aboriginal Cultural Heritage Act
- Biosecurity Act
- Environment Protection and Biodiversity Conservation Act
- Environmental Protection Act
- Fire and Emergency Services Act
- Marine Parks Act
- Nature Conservation Act
- Pest Management Act
- Queensland Electricity Act
- Queensland Electrical Safety Act
- Queensland Work Health and Safety Act
- Torres Strait Islands Cultural Heritage Act
- Vegetation Management Act

Code of Practice:

- Electrical Safety Code of Practice – Works

Regulation:

- Biosecurity Regulation
- Environmental Protection Regulation

Specification for Land Management Construction

- Marine Parks Regulation
- Nature Conservation (Administration) Regulation
- Nature Conservation (Wildlife) Regulation
- Queensland Electricity Regulation
- Queensland Electrical Safety Regulation
- Queensland Work Health and Safety Regulation

Australian Standards

- AS 4454 - Composts, soil conditioners and mulches.
- AS 2550.5 - Cranes, hoists, and winches - Safe use - Mobile cranes.
- AS 3706.0 - Geotextiles - Methods of test - General introduction and list of methods.
- AS/NZS 4680 - Hot-dip galvanized (zinc) coatings on fabricated ferrous articles.
- AS 1289.5.2.1 - Methods of testing soils for engineering purposes; Method 5.2.1: Soil compaction and density tests — Determination of the dry density / moisture content relation of a soil using modified compaction effort.
- AS 3743 - Potting mixes.
- AS 4970 - Protection of trees on development site
- AS 4373 - Pruning of amenity trees.
- AS 4419 - Soils for landscaping and garden use.

Department of Agriculture and Fisheries documents:

- Accepted development requirements for operational work that is constructing or raising waterway barrier works.
- Accepted development requirements for operational work that is completely or partly within a declared fish habitat area.
- Accepted development requirements for operational work that is the removal, destruction, or damage of marine plants.
- Fish Habitat Area code of practice - The lawful use of physical, pesticide and biological controls in a declared Fish Habitat Area.

Code of Practice

- Maintenance of Electricity Corridors in Queensland's Parks and Forests.
- Managing the risks of plant in the workplace.
- Safe Design and Operation of Tractors
- Working in the Vicinity of Overhead and Underground Electric Lines.

3.2 *Energy Queensland* controlled documents.

Provide Services in accordance with (but not limited to):

- *Access* Track Condition Assessment Data Capture.
- Aviation Standard
- Clean Down Record
- Cultural Heritage Assessment
- Current plans detailing existing underground essential services infrastructure in the immediate area and surrounding the Worksite.
- Environmental Assessment Response T111
- Environmental Control Measures
- Environmental Management Plan

- Environmental Standard
- General Standards and Conditions - Work Category Specification *WCS*133
- Implement Controls - Handling and Disposal of Redundant Poles
- *Land Management* - Work Category Specification *WCS*1.5
- *Land Management* Assessment - Work Category Specification *WCS*1.5A
- Record of Distribution of *Herbicide*s
- The requirements of the *Energy Queensland* approved Construction Issue Plan and associated Construction *Drawings* and instructions.
- Vegetation Clearing by Mechanical Plant near Electricity - Work Category Specification *WCS*1.8
- Vegetation Clearing by Mechanical Plant near Electricity Networks Assessment - Work Category Specification *WCS*1.8A
- Vegetation Management Plan - Work Category Specification *WCS*1.6
- Vegetation Management Plan Assessment - Work Category Specification *WCS*1.6A
- Vegetation Treatment Near Electricity Networks - Work Category Specification *WCS*1.7
- Vegetation Treatment Near Electricity Networks Assessment -Work Category Specification *WCS*1.7A

3.3 Availability of construction information on-site.

Service Providers shall have available onsite at all times the relevant information for *Operators* to action the required tasks for works under Contract.

3.4 Other sources

The *Service Provider* may also require additional documented information above sub-section 3.3 dependent on their own management systems including but not limited to the following:

- Safe Work Method Statements (*SWMS*)
- Construction Management Systems
- Specific site work methodologies
- *Environmental Management Plan (EMP)*
- Third Party conditions
- Plant and equipment manufacturers' manuals

4 Definitions and abbreviations

4.1 Definitions

For the purposes of this Specification, the following definitions apply.

Term	Definition
Access	Means to approach *Energy Queensland* infrastructure in field locations, primarily *Access* track infrastructure, helicopter landing points and four-wheel drive remote and isolated terrain (*Access* routes).
ACDC	Agricultural Chemicals Distribution Control
Batter / Slope Face	The vertical (usually on an angle) surface of an area that has been cut or filled to create a bench or *Access* track.

Specification for Land Management Construction

Competent Person	A person who has acquired through training, qualification, experience or a combination of these, the knowledge and skill enabling that person to correctly perform the required task.
Complete Clearing	The complete removal from the ground where *Access* is required (structure sites and *Access* tracks) of trees, stumps, logs, undergrowth, protruding rocks, large surface roots and debris, to the satisfaction of the *Liaison Person*. Elsewhere within the corridor (as directed) vegetation that may impact on the electrical safety and safe maintenance of the asset (vegetation >4m mature height) shall be removed. Removal of vegetation and preparation of the site can be achieved using a combination of techniques. Mechanical clearing using machinery that minimises soil disturbance such as slashers, mega-mulchers, tree-grabs and groomers is encouraged. The use of one or more bulldozers fitted with a tree pushing attachment, hydraulically operated stick rake interchangeable with a standard front mounted blade where permitted, and rippers may be warranted in some situations. The type of equipment to be used for clearing should be appropriate for the conditions of the site and shall be approved in writing by the *Liaison Person* before commencement of work.
Disrupted / Unprotected Surfaces	Surfaces that have been stripped bare of *Vegetation* cover or ripped up during the course of undertaking construction / maintenance activities and which remain unprotected and susceptible to erosive forces (e.g., rain, wind).
Drawings	The route plan, construction plan or similar, including schedules and/or clearing instructions, where supplied.
Drop Pipe	A pipe that has been installed to carry water down a *Batter / Slope Face* through a dedicated point (the pipe) in a way that shall prevent *Erosion* of the soil surface.
EMP or EWP	Environmental Management Plan / Environmental Work Plan specifically prepared for powerline construction or maintenance operations within land managed by Queensland Parks & Wildlife Service or Wet Tropics Management Authority and site specific.
Environmental Plan (including Cultural Heritage)	Plan provided in a works folder to guide the environmental and cultural heritage aspects of the project. It may be a Simple Project Risk Management Plan, Environmental Management Plan, Cultural Heritage Assessment/Field Inspection or Environmental Work Plan. The type and form of the plan will be dependent on the scale of the project.
Energy Queensland	*Energy Queensland* is the group of electricity distribution, retail, and energy services businesses 100% owned by the state of Queensland.
Energy Queensland Officer	*Energy Queensland*'s agent in relation to the administration of the service provided and serves as the interface between *Energy Queensland* and the *Service Provider* with respect to all aspects of performance of the services.
Erosion	The wearing away of the land surface by water, rainfall, wind or other natural geological agents.
Hazardous Area **	An area determined by an *Authority*, which would be adversely affected by the application of *Herbicide*s.
Herbicide	A chemical which kills plants (*Vegetation*).
*Herbicide Treatment***	Means the application of *Herbicide* formulations, either neat or diluted, to *Vegetation*. This may include the addition of other chemical formulations to the *Herbicide* mixture to enhance the effectiveness of the mixture (*Surfactants*). There are various means of *Herbicide Treatment* which include *Herbicide* spraying, basal bark application, *Stem Injection*, cut stump or the application of pelletised *Herbicide*.

Specification for Land Management Construction

Infrastructure Drainage	Defined as a system of drainage to prevent moisture (e.g., storm water) ponding around and the build-up of soil and debris around tower legs, mono and multi structure poles and columns (wood / concrete / steel) and their foundations at ground level.
Invasive Plants (Weeds)	*Vegetation* identified under the *Laws* including the Biosecurity Act (as amended), which have or could have a serious economic, environmental, or social impact.
Land Management	Construction, condition assessment and maintenance of *Access Track* infrastructure, and land stabilisation and rehabilitation in the vicinity of *Energy Queensland*'s electricity network infrastructure.
Landholder	The owner, *Occupier* or Authority having jurisdiction over the particular parcel of land, easement, road reserve or similar.
Liaison Person	The *Energy Queensland* Rep(s) who will supervise and audit the work to accept the site preparation work against this Specification and the Main Specification.
Marginal Trees	All trees outside the cleared corridor, within the Risk Management Zone, any part of which could fall to within the following safe distances from the centreline of the power line, unless otherwise specified: • 132kV 3.0 metres. • 66kV 2.5 metres. • 33 kV, 22kV or 11kV 2.0 metres. • 19.1kV, 12.7kV or 11kV Single Wire Earth Return (S.W.E.R.) line 1.0 metre. • Low Voltage line 1.5 metres. These trees will be flagged/marked with fluorescent pink tape or paint prior to the commencement of work and the cost of treatment of these trees will be included in the scope of the work.
Minor Creek Crossing	Defined as a dry or shallow crossing with water an average depth of up to 500 mm during periods of flow.
Occupier	The tenant, who may not necessarily be the owner of the land.
Overhead Conductors	*EQL* overhead mains (that are conductors of electricity) energised at voltages up to and including 132kV including open and insulated services.
Patch Gravelling	A process of laying a mixture of coarse mineral particles less than 75mm in equivalent diameter on the driving surface of the *Access Track Pavement*.
Pavement	The *Access Track* running surface.
Rainfall Run-Off	Water that runs (through and off a *Site*) as a result of rainfall.
RGVM	Registered Gross Vehicle Mass
SDS	Safety Data Sheet
Service Provider	An organisation that provides the relevant services to action the tasks required to complete the respective works specified.

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Sheet Flow	Means where *Rainfall Run-off* water travels over the relatively flat ground surface in a wide sheet.
Stabilise / Stabilising / Stabilisation	Protecting a surface to prevent (further) *Erosion* of an area – can use *Vegetation* or artificial means (e.g., rock, concrete, or matting).
Standard	Standards are documents that set out specifications, procedures and guidelines that aim to ensure products, services, and systems are safe, consistent, and reliable.
Surface Run-Off	Water from rainfall that is not absorbed or detained, and so becomes surface flow.
SWMS	Safe Work Method Statement
SPRMP	Simple Project Risk Management Plan
Toe of Batter / Slope	The bottom point or edge of a *Batter / Slope Face*.
Vegetation	Any plant growth living or dead.
VPO	*Vegetation* Protection Order
Watercourse	is defined in the Water Act as "a river, creek or stream in which water flows permanently or intermittently - (a) in a natural channel, whether artificially improved or not; or (b) in an artificial channel that has changed the course of the *Watercourse*;" and "includes the bed and banks and any other element of a river, creek or stream confining or containing water."
WCS	Means Work Category Specification.
Whoa-boy	A trafficable diversion banks - *(They are constructed to divert water off the track without causing erosion and allowing vehicles or people to cross over them).*
** Specific to *Herbicide* Treatment.	

5 Construction of Access Track Infrastructure - Light Loads

5.1 Introduction

(a) Construction of *Access Track* infrastructure (for example, tracks and *Minor Creek Crossings*) with *Pavement* for light vehicle loads only (e.g., four-wheel drive *Access*) that provides, as a minimum standard, four-wheel drive vehicle *Access* to all structures at the nominated geographic locations (generally more remote and isolated areas) across *Energy Queensland* network (Note: The *Service Provider* is to check with the local *Energy Queensland Officer* for any specific *Site* exceptions to this clause).

(b) Finish the construction of the *Access Track Pavement* where an adequate travel surface standard can be achieved, and the construction is to the satisfaction of the *Energy Queensland Officer*.

(c) Make every effort to preserve existing grass cover and no windrows of soil or debris are to be left on the lower side of the track or across drainage lines.

(d) Drainage is to be directed away from the centre line of the *Pavement* route.

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5.2 Construction for Slopes - General

When the natural *Slope* is over 10 degrees, cut the *Access Track Pavement* around the side of the hill or ridge to gain extra length to achieve the required grade. In areas of side *Slope* where cutting is required, construct the *Access Track Pavement* with a slight out *Slope* so that runoff water discharges along the full outer edge of the track, as per Table A-1 of section 4.3.1.

(a) Construct *Whoa-boys* (earth banks) on *Access Track Pavements* of 6% (1 in 16) [3.5 degrees] or greater *Slope* to prevent water flowing along the *Access Track Pavement*. The height of *Whoa-boys* should be approximately 300mm (compacted) and the spacing in metres along the track may be calculated by using the formula:

  (i) 200 / % of grade (200 divided by the percentage of the grade).

  (ii) For example: On a 10% grade, *Whoa-boys* would be 20 metres apart.

(b) On small grades, construct *Whoa-boys* from the downhill side, so the topsoil and *Vegetation* on the uphill side of the mound remains undisturbed. On steep grades, construct *Whoa-boys* from the uphill side provided the soil is collected gradually so as not to leave a deep gutter next to the mound. *Stabilise* the newly constructed *Whoa-boy* mound via a suitable method.

(c) Where required, construct discharge drains from the lower end of the *Whoa-boys*, extended where necessary to discharge onto a stable *Vegetated* area, and also to prevent runoff water flowing onto other sections of the *Access Track Pavement*.

(d) Where earth is excavated to construct benching for crane operations on steep *Sites*, stockpile topsoil from the excavation and spread over the banks to promote *Stabilisation*, and to enable future utilisation of the benching by maintenance plant. Make provision for the *Stabilisation* of the ground surface for these *Disrupted Sites* with grass seed or other recognised soil *Stabilisation* techniques, to be nominated on *Construction Issue Plan Drawings* or directed by the *Energy Queensland Officer*.

5.3 *Access* Track Design Parameters

5.3.1 Vehicle Types

(a) For construction of a new *Access Track*s, decide on the types of vehicles that will generally traverse the *Access Track*.

(b) The varying vehicle types have limitations and seasonal / weather conditions and have a significant effect on the ability of various vehicle types to utilise the *Access Track*. As an example:

  (i) Two wheeled drive vehicles are limited by clearance and traction, with a gradient limit of about 15 degrees maximum on a dry clay *Pavement*.

  (ii) Large / articulated trucks have the same traction and gradient limitations and require wider *Access Track Pavement* widths, especially on bends.

(c) For *Access Track* construction that is required to carry higher gross vehicle loads, typically for all weather and / or heavy vehicle / mobile plant load[1] *Access* and two-wheel drive vehicle *Access* refer to this Specification.

(d) Tables A-1 and Table A-2 below are provided as a guide to the allowable *Slope* for the various vehicle types.

[1] For maximum allowable RGVM of 30 Tonnes (6T steer axle / 17T rear axles).

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Table A-1:– Maximum Grade of *Slope* – Various Vehicle Configurations

Vehicle Configuration	*Slope* as Percentage (%)	*Slope* in Degrees
High Clearance 4WD	30%	18°
High Clearance 2WD	20%	11°
Low Clearance 2WD	18%	10°
Rigid Body Truck	15%	8°
Articulated Truck	10%	5°

Table A-2:– Graphical Representation - Grade of *Slope* – Various Vehicle Configurations

Vehicle Configuration	Graphical Representation For Grade of *Slope*
High Clearance 4WD	
High Clearance 2WD	
Low Clearance 2WD	
Rigid Body Truck	
Articulated Truck / Lorry	

5.3.2 Additional Design Considerations - Parameters

(a) The standard of design for *Access Track* construction will also consider and is not limited to following:

(i) Providing a safe and stable *Site Access* with reasonable maximum travel speed on the *Access Track Pavement* surface for all users.

(ii) Reducing any possibility for water pollution (siltation) and *Erosion*.

(iii) The susceptibility of the soils to *Erosion*. (Look for signs of *Erosion* from water during *Site* visits.)

(iv) The need for *Watercourse* crossings along the *Access Track* route. (Locate existing *Watercourse* crossings and assess if suitable for *Access Track* utilisation. The number of *Watercourse* crossings constructed is to be minimised to reduce disturbance to *Watercourses*.)

(v) *Landowner* requirements. (Some *Access Tracks* are shared with *Landowners* for various types of vehicle *Access*, pedestrian *Access*, cattle mustering, agricultural production, fauna crossing and for horse riding.)

(vi) *Third Party* utilisation. (Members of the public may utilise *Access Track*s for recreational purposes. For example, *Access* to remote fishing and swimming areas, trail bike and motor-cross riding, and four-wheel drive vehicle leisure activities.)

(vii) Natural environmental and Cultural Heritage considerations. (Be aware of cultural and heritage issues and look out for protected or endangered species of wildlife and *Vegetation* in the natural environment.)

(viii) Minimise future commitment of maintenance resources to maintain *Access* track's operational condition.

5.3.3 Minimum Construction Standards - With Light Load *Access* Track Infrastructure

(a) For the design parameters and minimum *Construction Standards* associated with light load *Access Track* infrastructure refer to Table A-3.

Table A-3:– Light Load *Access* Track Infrastructure Standards and Specifications

Design Parameter	Minimum Standard
Formation	Crowned with cross fall of 1-3 degrees on ridge top or flat ground surface. Out *sloped* with 1-3 degrees outfall inside cut locations.
Pavement Surface	Natural weathered *Pavement* surface with *Patch Gravelling* on clay soils to improve traffic-ability. The desirable *Pavement* surface is short grass to minimise *Erosion*.
Pavement Width	2.8 metres width minimum. 4 metres width maximum.
Shoulder width	0.6 metres
Clearing width for *Access Track* infrastructure, if *Access Track Pavement* is away from *Energy Queensland* electricity distribution and transmission network infrastructure easement	1 metre either side of earthworks (*Access Track Pavement* formation)
Maximum gradient of *Access Track Pavement*	10 degrees and the gradient may be steeper where construction of the *Pavement* results in less overall disruption of the ground surface and provides good traction for vehicles.
Pavement formation in Wet Tropics, National Parks, and State Forest	3-metre-wide *Pavement* formation. 4-metre-high clearance to the *Vegetation*.

5.4 Location of New Access Tracks

(a) Locate new *Access Track*s on the ridge lines wherever possible with the *Pavement* of the new *Access Track* to follow bench shape profiles to minimise side cutting. Where side-cutting is necessary, the *Pavement* formation is to conform to the relevant standard profiles.

(b) When locating a new *Access Track*, aerial photos and topographic maps may be used to identify potential locations and centre line routes. The final location selected is to address and incorporate the following (and are not limited to) concepts and design parameters:

(i) Follow the contour of the land or ridge tops where practical.

(ii) Avoid areas of steep *Slope* and minimise the amount of earth to be moved.

(iii) Minimise disturbance to natural *Vegetation*, as this can affect soil stability.

(iv) Use natural features, for example benches or shelves.

(v) Minimise the number of stream crossings or drainage structures required.

(vi) Avoid areas of poor drainage, for example swamps and soaks.

(vii) Avoid routes that run parallel to or close to *Watercourses* and streams.

(viii) Keep new *Access Track*s in the vicinity of or on the powerline easement / wayleave / corridor (regional areas only) or areas that have been previous *disrupted* by civil construction works.

(c) When identifying locations and centre line routes for a new *Access Track* avoid potential for disturbance to areas of:

(i) Significant *Vegetation* communities (endangered or of concern).

(ii) Cultural Heritage sites

(iii) Any land holdings without prior consultation with the *Landowner*.

5.5 Access Track Pavements

5.5.1 Access Track Pavement Formation

(a) *Access* track *Pavement* formation is required for the following reasons:

(i) Drainage control, especially in areas where *Erosion* or sediment influences are evident, any *Vegetation*, topography, wheel rutting or compaction is likely to intercept, concentrate and channel water.

(ii) Where the topography of the *Access Track* location or the drainage characteristics of the soil are likely to hinder *Access* for a protracted time period following a rain event (e.g., 1 to 2 weeks).

(iii) Where natural side-*Slope* pose a safety hazard to potential *Operators* utilising the track (e.g., Patrolling Officers, *Service Providers* and *Landowners*).

(b) Often the formation of *Access Track Pavement* can reduce or eliminate the need for ongoing *Patch Gravelling* / rocking of the *Pavement* surface. Where *Patch Gravelling* / rocking is still considered to be warranted, the process of *Pavement* formation removes undesirable material and / or boxes the imported material in where it is required.

5.5.2 Access Track Pavement Surface

Where a ground cover exists and no active *Erosion* is occurring, *Access Track Pavement* surfaces and drainage control structures are to be established by slashing and / or limited blading (to level anthills, debris, obstructions, trees, brush and sediment) and *Patch Gravelling* / rocking of *Access Track Pavement* surfaces and drainage control structures at the nominated *Sites*.

5.5.2.1 Slashing

Consider slashing as an initial option if minimal weed, *Erosion* or drainage issues are evident at the *Site*. A distinguishable, grassed *Access Track Pavement* surface along the *Access Track* route is the outcome required of this type of construction activity. Slashing will be authorised by the *Energy Queensland Officer* after an initial assessment of the proposed *Access Track* location and the drainage characteristics of the soil at *Site*.

5.5.2.2 Blading

(a) Keep blading to a minimum on existing formed *Access* track *Pavement* surfaces and at *Access* track locations not requiring the formation of a crowned *Pavement* surface.

(b) In these situations, blading is only to be performed to remove potential traffic hazards (e.g. fallen limbs, stakes, etc.) or to repair potential environmental or safety hazards (e.g. ant hills, drainage, restrictions, washouts, wheel ruts).

(c) Where the formation of a crowned *Pavement* surface is required, blade the surface in accordance with the design requirements in accordance with section 8, of this Specification or the directions from the *Energy Queensland Officer*.

5.5.2.3 Patch Gravelling / Rocking

(a) *Patch Gravelling* / rocking provides protection and stability on track sections that are susceptible to rapid deterioration through the influences of traffic, water or wind *Erosion* or where the soils do not have a high load bearing capacity. Only use *Patch Gravelling* / rocking when required to ensure vehicle traction and stability, avoid rutting, or to maintain effective drainage.

(b) *Patch Gravelling* / rocking is only to be undertaken with the written approval of the *Energy Queensland Officer*.

5.6 Technical Specification - Typical Pavement Types and Boxed In Pavement Cross Section For Light Vehicle Loads

(a) For *Access* track *Pavement* construction that requires the construction of a formed *Pavement* above or boxed into the existing ground surface, refer to the included details within Section 9 of this Specification for:

(i) Typical arrangement for *Access* track construction.

(ii) *Pavement* types designed for light vehicle loads.

(iii) Boxed in *Pavement* cross section.

(b) For specific details of the above refer to the following listed figures from within section 9 of this Specification:

(i) Figure E-1 – *Access* Track Infrastructure – Genera l Notes and Typical Arrangement.

(ii) Figure E-2 – *Access* Track Infrastructure – Light Vehicle Loads – *Access* Track Pavement Types.

5.7 *Access* Track Drainage

For detailed requirements of *Access* track drainage construction including their location to drain water runoff away from the *Access* track *Pavement* surface, refer to and construct in accordance with Section 12 of this Specification – Land *Stabilisation*, subsection 12.1 - *Access* Track Drainage.

5.8 Watercourse Crossings

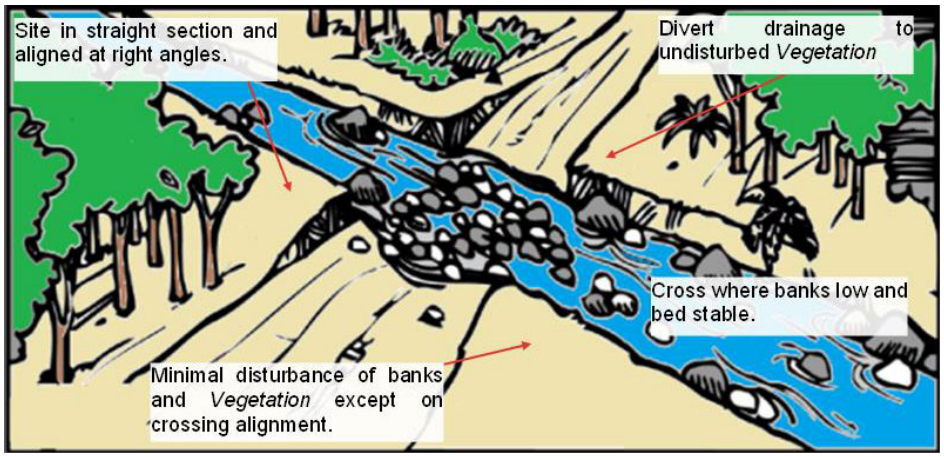
5.8.1 Watercourse Crossings - Design Considerations and Parameters

(a) When selecting a location and constructing a *Minor Creek Crossing* through a *Watercourse* or riverine area the following design considerations and parameters (that are not limited to) detailed in the Figure – A1(indicative drawing only) below, are to be taken into consideration.

(b) Where the *Service Provider* considers there may need to be a variance from the following design criteria and parameters, immediately seek advice from the *Energy Queensland Officer* regarding the issue of an application for a Riverine Protection Permit.

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Figure 1:– ***Access*** **Track Infrastructure – Watercourse Crossing Design Criteria**



5.8.2 Guideline – Activities in a Watercourse, Lake, or Spring

(a) Through the Guideline – Activities in a *Watercourse*, Lake or Spring carried out by an entity as issued by the Department of Natural Resources Mines and Energy – Water Management, permission has been granted to Queensland Electricity Distribution and Transmission entities for works within or near a *Watercourse* under Sections 49, 50 or 51 of the Water Regulation to reduce the need for riverine protection permits under Section 269 of the Water Act.

(b) The design criteria and parameters from the guideline that are to be complied with by the *Service Provider*:

(i) Construction Environmental Management Plan that contains details of all works associated with a *Watercourse* crossing is to be established and available at the *Worksite* prior to commencement of any works.

(ii) When construction materials are to be deposited or excavated at *Worksite*, the volume is not to exceed 500 cubic metres for each activity unless permitted.

(iii) The clearing of *Vegetation* is not to exceed 0.25 ha unless permitted.

(iv) Works that will impact on the water flows or levels will require a riverine permit.

(v) Ensure the necessary measures are in place to control sediment and *Erosion* on and off the *Worksite* during all stages of the construction (before, during and after *Site* works). Divert clean water around the *Worksite*.

(vi) Notify adjoining *Landholders* of construction works to be undertaken at the *Watercourse* crossing *Site* and obtain the necessary permission(s) before any construction works commence.

(vii) Ensure machinery used is fit for purpose and free from oil or contaminant leaks.

(viii) Complete *Site* inductions and risk assessments prior to commencing any construction work activities. Continually monitor, review and communicate to all *Operators* and ground personnel during all phases of the construction work activity any additional environmental issues and considerations identified, and the additional environmental controls implemented.

(ix) Take a series of photographs of the construction *Site* prior to, during and upon completion of all construction works.

(x) On approach to *Watercourse* crossings, cross slowly so as not to create wash and increase *Erosion*.

(xi) Construct *Watercourse* crossings below lagoons and at 90° to the direction of the water flow (bank of *Watercourse)* wherever practical.

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5.9 Minor Creek Crossing – Technical Specification

5.9.1 Minor Creek Crossing - General

(a) Take care where *Site* material is to be excavated and or disposed of away from *Site*. For *Sites* containing acid sulphate soils, treat appropriately and have a disposal process in place to handle and transport the contaminated soil.

(b) *Minor Creek Crossings* comprising of a graded rock spall *Pavement* boxed into existing creek bed such that the *Access* track does not impede the flow of creek. In very soft ground, for example marine clay, a geotextile underlay may need to be placed prior to rock spalls being placed in boxed section.

5.9.2 Technical Specification and

5.9.2.1 Extent of Work

The construction work included comprises of and is not limited to:

(a) Earthworks.

(b) *Minor Creek Crossings* construction.

(c) Treatment and disposal of spoil.

(d) Possible use of geotextile.

5.9.2.2 Excavation

Carry out excavation as required. Establish box depths required to achieve the total *Pavement* depths. Construct the finished *Pavement* s such that the finished surface levels are generally flush with existing creek bed surface levels.

Note: Assess all environmental issues and considerations associated with this construction work and ensure all environmental controls are implemented.

5.9.2.3 Treatment and Disposal of Spoil

(a) Dispose excess spoil away from *Site* where required and in accordance with the controlling *Authority* requirements for transport and disposal.

(b) Implement appropriate control measures on *Sites* containing acid sulphate soils.

5.9.2.4 Pavement

(a) The *Pavement* for the *Minor Creek Crossings* comprises of a rock spalls base course with a 100 mm layer of a finer rock spall running course.

(b) The total *Pavement* thickness is not less than 350 mm.

5.9.2.5 Materials

(a) Base Course:

  (i) The base course material is to be nominal 150 – 200 mm diameter rock spalls and or rock mattress.

(b) Running Course:

  (i) 100 mm thick running course material is to be nominal 100 mm diameter rock spalls.

(c) Geotextile and Geogrid:

  (i) In very soft soils, for example marine clays, lay a geotextile and / or geogrid synthetic system as sub grade reinforcement prior to the spreading of fill, as and when directed by the *Energy Queensland Officer* / *Worksite Supervisor* to place synthetic system underlay.

  (ii) Geotextile and / or geogrid synthetic system or another approved equivalent is to comply with requirements of the relative Australian Standard (for example, geotextile fabric is to comply with AS 3706.0).

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5.9.2.6 Typical Crossing Profile and Pavement Section Detail

Refer to the included details in section 9 of this Specification, Figure E-4 – *Access* Track Infrastructure – *Minor Creek Crossing* – Rock Spall Water Course Crossing, for typical crossing profiles and *Pavement* sections.

6 Construction of *Access* Track Infrastructure - All Weather And / Or Up To 30 Tonnes Load

6.1 Introduction

(a) Construction of *Access* Track infrastructure (for example, Tracks and *Minor Creek Crossing*s) with *Pavement* that provides for, as a minimum standard, all weather and / or heavy vehicle loads with a maximum allowable *RGVM* of 30 Tonnes (6T steer axle / 17T rear axles) *Access*, for example elevated work platforms and concrete trucks, providing *Access* to high priority electricity network infrastructure (for example sub-transmission line feeders).

(b) This constructed *Access* Track infrastructure is required to provide uninterrupted Site *Access* to undertake additional construction, switching and maintenance of the electricity distribution and transmission network infrastructure.

(c) Additionally, at these Sites there may be a requirement to provide two-wheel drive vehicle *Access*.

6.2 All Weather *Access* – General

(a) For general *Access* Track infrastructure design criteria and parameters relevant to the construction of *Access* Track infrastructure that provides for all weather and / or heavy vehicle loads of a maximum allowable *RGVM* of 30 Tonnes (6T steer axle / 17T rear axles), refer to the following and not limited to listed references that are of relevance:

(i) Construction general, section 5 of this Specification, (Section 5, subsection 5.2).

(ii) *Access* Track design parameters - vehicle types Section 5 of this Specification, (Section 5, subsection 5.3.1).

(iii) Additional design considerations – parameters Section 5 of this Specification, (Section 5, subsection 5.3.2).

(iv) Location of new *Access* Tracks Section 5 of this Specification, (Section 5, subsection 5.4).

(v) *Access* Track drainage Section 5 of this Specification, (Section 5, subsection 5.7).

(vi) Crowned surface formation Section 9 of this Specification, (Section 9, subsection 9.1.1).

(vii) Crowned side cut formation Section 9 of this Specification, (Section 9, subsection 9.1.2).

(viii) Out *slope* formation Section 9 of this Specification, (Section 9, subsection 9.1.3).

(ix) Side cut construction Section 12 of this Specification, (Section12, subsection 12.1.2).

(x) Side cutting formation design Section 12 of this Specification, (Section 12, subsection 12.1.2.3).

6.3 All Weather And / Or Heavy Vehicle Loads *Access* Track Infrastructure – Technical Specification

6.3.1 All Weather *Access* Specification - General

(a) The *Access* Track *Pavement*s are constructed for all weather and a maximum allowable *RGVM* of 30 Tonnes (6T steer axle / 17T rear axles) vehicle *Access*; comprises of a base course with a required combination of (or equivalent material to):

Armour rock spalls (nominal 200 – 400 mm diameter grading); and

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Rock spalls (nominal 75 – 150 mm diameter grading) with a running course material of suitably bearing capacity, for example CBR 20 graded material, to the nominated compacted thickness. (Note: CBR=California Bearing Ratio)

(b) In very soft ground, for example marine clay, a geotextile underlay may need to be placed in the excavation prior to the base course being laid down when directed by the *Energy Queensland Officer* / Worksite Supervisor to place the geotextile underlay in the excavation.

6.3.2 Technical Specification

6.3.2.1 Extent of Work

The construction work included comprises of and is not limited to:

(a) Clearing of the *Worksite*.

(b) Earthworks.

(c) *Access* Track *Pavement* construction for all weather and / or heavy vehicle load of a maximum allowable *RGVM* of 30 Tonnes (6T steer axle / 17T rear axles) *Access* (without wheel rutting or *Pavement* compaction during normal operations; excluding prolonged periods of rain).

(d) Treatment and disposal of spoil.

(e) Possible use of geotextile.

6.3.2.2 Clearing of Site

(a) Clear *Sites* of *Access* Track footprint along the *Access* Track route and structure laydown areas (platforms), of all shrubs, scrub, undergrowth, dumped building material and surface boulders.

(b) Remove all debris resulting from *Worksite* clearing to the nearest approved refuse tip off *Site* accepting this class of debris and material.

6.3.2.3 Excavation

Undertake excavation where required to suit the dimensions and levels nominated for the construction of the *Access* Track *Pavement*.

6.3.2.4 Treatment and Disposal of Spoil

(a) Dispose excess spoil away from the *Site* where required in accordance with the controlling *Authority* requirements for transport and disposal.

(b) Implement appropriate control measures on *Sites* containing acid sulphate soils.

6.3.2.5 Pavement

(a) The *Pavement* for *Access* Tracks and structure laydown areas (platforms) constructed for all weather and / or heavy vehicle load of a maximum allowable *RGVM* of 30 Tonnes (6T steer axle / 17T rear axles), unless an alternative load is nominated for *Access,* comprises of a base course with a required combination of (or equivalent material to):

(i) Armour Rock Spalls (nominal 200 – 400 mm diameter grading).
(ii) Rock Spalls (nominal 75 – 150 mm diameter grading).
(iii) with a minimum of 75 mm thick CBR 20 grading value running course.

(b) The total *Pavement* thickness is not less than 250 mm.

6.3.2.6 Materials

(a) Base Course:

(i) The base course material comprises of a combination of (or equivalent material to):

- Armour Rock Spalls (nominal 200 – 400 mm diameter grading).
- Rock Spalls (nominal 75 – 150 mm diameter grading).

(ii) The fill material is free of any toxic or chemical contaminants and complies with any imposed Site-specific environmental conditions.

(b) Gravel Running Course:

(i) The running course material is CBR 20 value grade material with a minimum of 75 mm thickness.

(c) Geotextile:

(i) In very soft soils, for example marine clays, lay a synthetic fabric underlay as sub grade reinforcement prior to spreading of fill when directed by the *Energy Queensland Officer* / Worksite Supervisor to place synthetic fabric underlay.

(ii) Supply Polyester / non-woven or woven geotextile fabric complying with requirements set out in Australian Standard AS 3706.0 or approved equivalent.

6.3.2.7 Construction Works

(a) Place fill material to form tracks – using geotextile fabric as an underlay, as directed.

(b) Place gravel on fill, as a running course – grade and compact fill and gravel using track machines.

6.3.3 Technical Specification - Typical Pavement Types and Boxed In Pavement Cross Section for All Weather and / or Heavy Load Vehicles and Structure Laydown Areas – Platforms>

(a) For *Access* Track *Pavement* and structure laydown area (platform) construction that requires the construction of a formed *Pavement* above or boxed into the existing ground surface, refer to the included details within Section 8, for:

(i) Typical arrangement for *Access* Track and structure laydown area (platform) construction.

(ii) *Pavement* types designed for all weather and / or heavy vehicle loads of a maximum allowable *RGVM* of 30 Tonnes (6T steer axle / 17T rear axles).

(iii) Boxed in *Pavement* cross section.

(iv) *Pavement* types designed for structure laydown areas (platforms).

(b) For specific details of the above refer to the following listed figures from Section 9.

(i) Figure E-9 – *Access* Track Infrastructure – General Notes and Typical Arrangement.

(ii) Figure E-10 – *Access* Track Infrastructure – All Weather and / or Heavy Vehicle Loads – *Access* Track *Pavement* Types.

(iii) Figure E-14 – *Access* Track Infrastructure – Structure Laydown Area – Details.

6.3.4 Watercourse Crossings For All Weather and / or Heavy Vehicle Loads *Access* Track Infrastructure

When selecting a location and constructing a *Minor Creek Crossing* through a *Watercourse* or riverine area for all weather and / or heavy vehicle loads of a maximum allowable *RGVM* of 30 Tonnes (6T steer axle/17T rear axles) *Access* Track infrastructure, for the design considerations and parameters, and technical specification refer to:

(a) Section 5, Subsection 5.8.1- *Watercourse* Crossings - Design Considerations and Parameters.

(b) Section 5, Subsection 5.8.2 -Guideline – Activities in a *Watercourse* Lake or Spring.

(c) Section 5, Subsection 5.9 - *Minor Creek Crossing* - Technical Specification.

(d) Section 9, Figure E-12 – *Access* Track Infrastructure – *Minor Creek Crossing* – Rock Spall Water Course Crossing.

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7 Maintenance of *Access* Track Infrastructure - Light Loads

7.1 Introduction

(a) Maintenance of *Access* Track infrastructure (for example, tracks and *Minor Creek Crossings*) with *Pavement* for light vehicle loads only (e.g., four-wheel drive *Access*) that provides, as a minimum standard, ongoing four-wheel drive vehicle *Access* to all structures at the nominated geographic locations (generally more remote and isolated areas) across the *Energy Queensland* network.

(b) Maintain the *Access* Track *Pavement* to an adequate travel surface standard and to the satisfaction of the *Energy Queensland Officer.*

(c) During maintenance activities, make every effort to preserve existing grass cover and no windrows of soil or debris are to be left on the lower side of the Track or across drainage lines.

(d) During maintenance activities, modifications to drainage are to direct the drainage channel away from the centre line of the *Pavement* route.

(e) Where *Access* Track infrastructure is impassable, eroded, or overgrown, consider any potential opportunities to rebuild the *Access* Track infrastructure in a more suitable location, to reduce long term environmental impact and the ongoing commitment of maintenance resources. This relocation is not to occur without Authority consultation and acceptance and the approval of the *Energy Queensland Officer.*

7.2 Maintenance of Drainage and Erosion and Sediment Controls

While maintaining *Access* Track infrastructure, ensure the following measures (that are not limited to) are applied to manage sediment and *Erosion* control issues at the *Site*:

(a) Identify potential Erosion sources and causes.

(b) Install Erosion and sediment control measures before disrupting the Site.

(c) Expose the smallest possible area of land on the *Access* Track footprint for the shortest possible period of time.

(d) Conserve topsoil for reuse.

(e) Control *Surface Run-Off* onto, along and off the *Access* Track footprint.

(f) Divert uncontaminated *Surface Run-Off* around *Disrupted* Surfaces of land.

(g) Use Erosion control measures to prevent on-site (*Access* Track footprint) damage.

(h) Use sediment control measures to prevent off-site (beyond the *Access* Track footprint) damage.

(i) Rehabilitate *Disrupted* Surfaces of land as soon as practical.

(j) Maintain Erosion and sediment control measures until ground surface areas are sufficiently *Stabilised* to restrain Erosion.

(k) Control Erosion at the source.

7.3 *Access* Track Infrastructure Maintenance Criteria and Parameters

During the maintenance of existing *Access* Track infrastructure (for example, Tracks and *Minor Creek Crossings*) with *Pavement* for light vehicle loads only (e.g., four-wheel drive *Access*) all reinstatement, modification and or relocation construction works are to be in accordance with the design and construction criteria and parameters for new *Access* Track infrastructure construction included within Section 4 - Construction of *Access* Track Infrastructure - Light Loads, of this Specification.

7.4 Maintenance of Existing Watercourse Crossings Infrastructure

(a) Relevant documentation that contains details of all works associated with a *Watercourse* crossing is to be established and available at the *Worksite* prior to commencement of any maintenance works.

(b) Ensure the necessary measures are in place to control *sediment* and *Erosion* on and off the *Worksite* during all stages of the maintenance works.

(c) During the maintenance of existing *Watercourse* crossings infrastructure (for example, *Minor Creek Crossings*), all reinstatement and modification construction works are to be in accordance with the design and construction criteria and parameters for new *Watercourse* crossings infrastructure construction included at section 5 - Construction of *Access* Track Infrastructure - Light Loads, of this Specification.

(d) The maintenance construction works are to be conducted in accordance with the specified requirements for:

(i) *Watercourse crossings - design considerations and parameters of Section 5 of this Specification, (subsection 5.8.1).*

(ii) *Guideline – activities in a Watercourse Lake or spring of Section 5 of this Specification, (subsection 5.8.2).*

(iii) *Minor Creek Crossing - technical specification Section 5 of this Specification, (subsection 5.9).*

(e) At *Watercourse* crossings, ensure at the *Worksite* that water flows or levels have not been adversely impacted by:

(i) Fallen trees.

(ii) Vehicular traffic and equipment damage.

(iii) Blockages from soil or other materials.

If there has, remove the obstructions to allow clear water flows at the same levels as that of initial construction.

(f) Works are not to impact on the water flows or levels.

(g) Inspect the *Watercourse* crossing's rock spall *Pavement* that is boxed into the *Watercourse* bed for:

(i) *Sediment* accumulation.

(ii) Erosion from flood damage.

(iii) Deterioration that threaten to cause failure.

(iv) Damage from vehicular traffic.

Remove *sediment* so that clear water flows are not reduced and investigate the source of the *sediment* for *Erosion*; and repair any places in the rock spall *Pavement* that have deteriorated or that have been subjected to any damage.

(h) Check for *Erosion* and undermining of control devices, rock spall surfaces and *slopes*; determine if further controls are required to be installed during this maintenance phase.

7.5 Maintenance of Existing *Access* Track Pavement

(a) During the maintenance of existing *Access* Track *Pavement*, all reinstatement and modification construction works are to be in accordance with the design and construction criteria and parameters for new *Access* Track *Pavement* construction included within Section 5 - Construction of *Access* Track Infrastructure - Light Loads, of this Specification.

(b) The maintenance construction works are to be conducted in accordance with the specified requirements for:

(i) *Access* Track *Pavements* (subsection 5.5).

(ii) Technical specification - typical *Pavement* types and boxed in *Pavement* cross section for light vehicle loads - (subsection 5.6).

7.6 Maintenance of Existing *Access* Track Drainage

(a) During the maintenance of existing *Access* Track infrastructure, all reinstatement, modification to and relocation of drainage is to be in accordance with the design and construction criteria and parameters for new drainage construction included within Section 5 - Construction of *Access* Track Infrastructure - Light Loads, and Section 12 – Land *Stabilisation*, of this Specification.

(b) The maintenance construction works are to be conducted in accordance with the specified requirements for:

(i) *Access* Track drainage (subsection 5.7).
(ii) Maintenance of Drainage Control (subsection 12.2).
(iii) Removal of Drainage Controls (subsection 12.3).

7.6.1 Maintenance of Drainage Control Structures

(a) Inspect the drainage system(s); for accumulated sediment, falling *Vegetation* / trees, and soil and / or other materials in the drainage, remove all these material from drainage system(s) to allow clear drainage (water flow) in accordance with Section 12 – Land *Stabilisation*, subsection 12.3 - Maintenance of Drainage Control of this Specification.

(b) Repair any sections in the drainage system(s) that have deteriorated or that have been subjected to damage in accordance with Section 12 – Land *Stabilisation*, subsection 12.2 - Maintenance of Drainage Control of this Specification.

7.6.2 Removal of Drainage Controls

(a) There is generally no need to remove existing drainage controls during this maintenance phase if they are constructed from naturally occurring materials at the *Site*. As long as the drainage controls are maintained and the existing drainage system is adequate, they can stay in place permanently.

(b) Where removal of existing drainage controls are required (for example on *Sites* that are not already stable), remove the existing drainage controls in accordance with Section 12 – Land *Stabilisation*, subsection 12.3 - Removal of Drainage Controls of this Specification.

7.7 Maintenance of Existing Erosion Control Infrastructure

7.7.1 Maintenance of Existing Erosion Control Structures

Maintain *Whoa-boys* or other *Erosion* control infrastructure in accordance with the following maintenance instruction:

(a) Inspect *Whoa-boys* or other *Erosion* control infrastructure for damage after weather events resulting in *Rainfall Run-off*.

(b) Check for environmental impact on land surface surrounding drainage outlets to prevent impact of *Rainfall Run-off* from *Access* Track *Pavement* and easements.

(c) Immediately correct all damage to *Whoa-boys* or other *Erosion* control infrastructure in accordance with Section 12 – Land *Stabilisation*, section 12.4.1.7 – Maintenance of *Whoa-boys* of this Specification.

7.7.2 Construction of Additional Erosion Control Structures during Maintenance Phase

(a) Check the bottom of the channel (up-hill side of the mound) to ensure positive drainage in the desired direction (for example, towards the edge of the *Access* Track *Pavement* and into the table drain, if present). Should this not be the case, reconfigure the existing and / or construct new drainage to achieve positive drainage in the desired direction.

(b) Check that the end of the '*Whoa-boy*' has a stable / protected outlet (e.g., thick *Vegetation*, grass, rock mulch) or discharges to a table drain. On steep *Access* Track *Pavements*, the construction of turn-out drains (out of table drains) is required, to ensure the safe movement of water / *Rainfall Run-off*.

(c) During the maintenance of existing *Whoa-boys* or other *Erosion* control infrastructure, all modification to, relocation and new construction of *Whoa-boys* or other *Erosion* control infrastructure is to be in accordance with:

(i) The design and construction criteria and parameters for new *Whoa-boys* or other *Erosion* control infrastructure construction included in Section 5 - Construction of *Access* Track Infrastructure - Light Loads.

(ii) The installation criteria and parameters for new *Whoa-boys* included in Section 12, Subsection 12.4.1 – Installation of *Whoa-boys* within this Specification.

7.7.3 Removal of Whoa-boys or Other Erosion Control Structures During Maintenance Phase

Where removal of existing *Whoa-boys* or other *Erosion* control structures are required:

(a) Remove and dispose of accumulated sediment.

(b) Grade the ground surface area and level out in preparation for land *Stabilisation* and rehabilitation.

(c) *Stabilise* and rehabilitate the ground surface area.

(d) In accordance with Section 12 of this Specification, Subsection 12.4.1.8 - Removal of *Whoa-boys*.

7.7.4 Fibre Matting

7.7.4.1 Maintenance of Fibre Matting

Where maintenance of fibre matting is required (for example on *Slope*s that are not already stable):

(a) Inspect the fibre matting.

(b) Repair damaged sections of fibre matting.

(c) Check the ground surface soil for *Erosion* underneath the fibre matting.

(d) Check the vegetative regrowth and restore and / or re-seed.

(e) In accordance with Subsection 12.4.2.2 - Maintenance of Fibre Matting, of this Specification.

7.7.4.2 Removal of Fibre Matting

Where removal of fibre matting is required:

(a) Carefully remove the fibre matting cover.

(b) Dispose of recovered fibre matting.

(c) *Stabilise* and rehabilitate the ground surface area *Disrupted*.

(d) In accordance with Subsection 12.4.2.3 - Removal of Fibre Matting, of this Specification.

7.8 Maintenance of Existing Sediment Controls

7.8.1 Construction of Additional Sediment Controls during Maintenance Phase

(a) During the maintenance of existing *sediment* control infrastructure, all modification to, relocation of, and new construction of *sediment* controls or other land *Stabilisation* infrastructure is to be in accordance with:

(i) The design and construction, criteria and parameters for new sediment controls or other land *Stabilisation* infrastructure construction included at Section 5 - Construction of *Access* Track Infrastructure - Light Loads.

(ii) The installation criteria and parameters for new sediment controls or other land *Stabilisation* infrastructure included at Section 12 of this Specification, subsection 12.5 – Sediment Control Methods.

(b) During the maintenance of existing *sediment* control infrastructure, when modification to, or construction of new *sediment* control infrastructure is under active consideration, the *Service Provider* is to consider alternative *sediment* control measures that may be more practical and / or effective for construction, including and not limited to:

(i) Sediment Fences (catchment area is 0.6 hectare maximum, *Slope* ratio, height to length is 1:2 maximum, is not to be used where *Surface Run-Off* concentrates).

(ii) Check Dams ([for example, rock, concrete, gabions] – catchment areas are 4 hectares maximum, spillway 0.15 metre below sides, outlet protected downstream).

(iii) Dry sediment basins, wet sediment basins and artificial wetlands.

(iv) Coarse rock sediment traps.

(v) Mulch, vegetative debris, or rock bunding.

(vi) Native *Vegetation* buffer zones.

(vii) Gravel / coarse rock inlet filters.

7.8.2 Maintenance of Sediment Controls

For the maintenance of *sediment* control infrastructure including and not limited to:

(a) All inspections.

(b) Repair of damage.

(c) Remove the accumulated fill material.

(d) Repair of damaged *sediment* control barrier structures.

(e) Is to be conducted in accordance with Section 12 – Land *Stabilisation*, Subsection 12.6.1.3 - Maintenance of Sediment Fences.

7.8.3 Removal of Sediment Controls

(a) When *Disrupted Surface* areas up-*Slope* of the *sediment* control system is sufficiently *Stabilised* to restrain *Erosion*, the *sediment* control infrastructure and any outlets are to be removed in accordance with section 12 – Land *Stabilisation*, Subsection 12.6.1.4 - Removal of Sediment Fences.

(b) Where ground surface areas have *Stabilised*, including the *sediment* build up at the *sediment* control barrier, there may be more value in leaving the *sediment* control infrastructure and any outlets where they are. Removing the *sediment* control infrastructure at this stage will usually lead to the ground surface area becoming susceptible to *Erosion* once again.

7.9 Summary of Available Stabilisation Techniques

During the maintenance of existing *Access* Track infrastructure and the associated land *Stabilisation* infrastructure, when modification to, or construction of new land *Stabilisation* infrastructure is under active consideration, the *Service Provider* is to refer to the summary of available *Stabilisation* techniques Section 12 – Land *Stabilisation*, Table H5 - Summary of Available *Stabilisation* Techniques, to determine the more practical and / or effective land *Stabilisation* construction for the ground surface and environmental conditions at the *Site*.

8 Maintenance of Access Track Infrastructure - All Weather and / or Up To 30 Tonnes Load

8.1 Introduction

(a) Maintain *Access* Track infrastructure (for example, *Access* Track *Pavement*s and *Minor Creek Crossings*) with the *Access* Track infrastructure continuing to provide for, as a minimum standard, all weather and / or heavy vehicle loads with a maximum allowable *RGVM* of 30 Tonnes (6T steer axle / 17T rear axles), for example elevated work platforms and concrete trucks, providing *Access* to high priority electricity network infrastructure (for example sub-transmission line feeders).

(b) Maintain *Access* Track infrastructure to provide uninterrupted *Site Access* to undertake additional construction, switching and maintenance of the electricity distribution and transmission network infrastructure.

(c) Additionally, at nominated *Sites* there is a requirement to maintain *Access* Track infrastructure for providing ongoing two-wheel drive vehicle *Access*.

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(d) Maintain the *Access* Track *Pavement* to an adequate travel surface standard and to the satisfaction of the *Energy Queensland Officer*.

(e) Where *Access* Track infrastructure is impassable, eroded, or overgrown, during the maintenance, actively consider any potential opportunities to rebuild the *Access* Track infrastructure in a more suitable location, to reduce long term environmental impact and ongoing commitment of maintenance resources.

(f) During maintenance activities, modifications to drainage are to direct the drainage away from the centre line of the *Access* Track *Pavement* route.

8.2 *Access* Track Infrastructure Maintenance Criteria and Parameters

(a) During the maintenance of existing *Access* Track infrastructure (for example, Tracks and *Minor Creek Crossings*) with *Pavement* for all weather and / or heavy vehicle loads with a maximum *RGVM* of 30 Tonnes (6T steer axle / 17T rear axles), all reinstatement, modification and or relocation construction works are to be in accordance with the design and construction criteria and parameters for new *Access* Track infrastructure construction included at section 6 - Construction of *Access* Track Infrastructure - All Weather and / or up to 30 Tonnes Load, of this *WCS*1.5.

(b) The intent of this section 8 is to ensure *Access* Track infrastructure to electricity distribution and transmission network infrastructure (*Overhead Conductors* and supporting infrastructure) is maintained at an acceptable / serviceable level for and during both routine and emergency maintenance works on the electricity distribution and transmission network infrastructure (*Overhead Conductors* and supporting infrastructure).

(c) Plan all maintenance tasks to:

(i) Ensure the utilisation of the location for its basic intended purpose is not nullified nor diminished by the condition of *Access* Track infrastructure and *Watercourse* crossings present.

(ii) Prevent destruction of, or damage to, the surrounding area by taking steps to avoid *Erosion* of lands, silting of waterways and diversion of water from natural drain paths.

(iii) Retain as far as possible the aesthetic nature of the surrounding area.

(iv) Limit the destruction of, or damage to, trees, shrubs, bushes, flora, and other *Vegetation* to the minimum necessary to maintain *Access* to the distribution and transmission *Overhead Conductors* and supporting infrastructure.

(v) Avoid damage to historical sites, Aboriginal sacred sites, Aboriginal relics, monuments, and other memorials.

(d) This specification outlines the *Services* to be provided for re-establishing easement *Access* Tracks and retaining them in, or returning them to, an acceptable operational condition.

(c) Maintenance may be preventive or corrective. Corrective maintenance covers both emergency and deferred maintenance works / tasks.

8.3 Acceptable Standard

The minimum standard requires all weather and / or heavy vehicle loads up to a maximum of *RGVM* of 30 Tonnes (6T steer axle / 17T rear axles) *Access* be maintained. In most cases a somewhat higher standard of *Access* Track *Pavement* surface will be specified by the *Energy Queensland Officer*. The standard will be raised by the *Energy Queensland Officer* in sections where:

(a) Minimal extra expenditure would be involved for the maintenance construction works.

(b) The section of *Access* Track *Pavement* surface is liable to be subjected to additional usage, demands, or adverse conditions.

8.4 *Access* Track Infrastructure Relocation During Maintenance Phase

(a) Any *Access* Track infrastructure relocations or deviations are to be determined in conjunction with the *Energy Queensland Officer*. Consult with and obtain the agreement of the *Landowner(s) / Occupier(s)* for proposed *Access* Track infrastructure relocations or deviations before any final decisions are made on Track relocations or deviations.

(b) Use existing *Access* Track infrastructure wherever possible. Contact the *Energy Queensland Officer* if there are good reasons to deviate from the existing *Access* Track route. Obtain approval in writing from the *Energy Queensland Officer* before any deviation works precede.

(c) Undertake restoration work on any bypassed section of existing *Access* Track infrastructure to ensure it is left in an environmentally acceptable condition. The *Energy Queensland Officer* is to determine the scope and extent of restoration work required to bypassed section of existing *Access* Track infrastructure.

8.5 Maintenance of Existing *Access* Track Pavement

(a) During the maintenance of existing *Access* Track *Pavement*, all reinstatement and modification construction works are to be in accordance with the design and construction criteria and parameters for new *Access* Track *Pavement* construction included in Section 6 - Construction of *Access* Track Infrastructure - All Weather and / or up to 30 Tonnes Load, of this *WCS*1.5.

(b) The maintenance construction works are to be conducted in accordance with the specified requirements for:

(i) All Weather and / or Heavy Vehicle Loads *Access* Track Infrastructure – Technical Specification in Section 6 of this Specification, (subsection 6.3).

(ii) Figure E-9 – *Access* Track Infrastructure – General Notes and Typical Arrangement.

(iii) Figure E-11 – *Access* Track Infrastructure – All Weather and / or Heavy Vehicle Loads – *Access* Track *Pavement* Types.

(iv) Figure E-12 – *Access* Track Infrastructure – *Minor Creek Crossing* – Rock Spall Water Course Crossing.

8.6 Maintenance of Existing Watercourse Crossings Infrastructure

(a) Maintenance Environmental Management Plan that contains details of all works associated with a *Watercourse* crossing is to be established and available at the *Worksite* prior to commencement of any maintenance works.

(b) Ensure the necessary measures are in place to control *sediment* and *Erosion* on and off the *Worksite* during all stages of the maintenance works.

(c) During the maintenance of existing *Watercourse* crossings infrastructure (for example, *Minor Creek Crossings*), all reinstatement and modification construction works are to be in accordance with the design and construction criteria and parameters for new *Watercourse* crossings infrastructure construction included at Section 6 of this Specification, subsection 6.3.4 - *Watercourse* Crossings For All Weather and / or Heavy Vehicle Loads *Access* Track Infrastructure, of this *WCS*1.5.

(d) The maintenance construction works are to be conducted in accordance with the specified requirements for:

(i) *Watercourse* crossings (Section 5, subsection 5.8).

(ii) *Minor Creek Crossing* - technical specification (Section 5, subsection 5.9).

(e) Prior to commencement of any maintenance works at *Watercourse* crossings, ensure water flows or levels have not been adversely impacted by:

(i) Fallen trees.

(ii) Vehicular traffic and equipment damage.

(iii) Blockages from soil or other materials.

If there has, remove the obstructions to allow clear water flows at the same levels as that of initial construction.

(f) Works will not impact on the water flows or levels.

(g) Inspect the *Watercourse* crossing's rock spall *Pavement* that is boxed into the *Watercourse* bed for:

(i) Sediment accumulation.

(ii) *Erosion* from flood damage.

(iii) Deterioration that threaten to cause failure.

(iv) Damage from vehicular traffic.

Remove *sediment* so that clear water flows are not reduced and investigate the source of the *sediment* for *Erosion*; and repair any places in the rock spall *Pavement* that have deteriorated or that have been subjected to any damage.

(h) Check for *Erosion* and undermining of control devices, rock spall surfaces and *Slopes*; determine if further controls are required to be installed during this maintenance phase.

8.7 Maintenance of Drainage and Erosion and Sediment Controls

While maintaining *Access* Track infrastructure, manage *sediment* and *Erosion* control issues at the *Site* in accordance with subsection 7.2 - Maintenance of Drainage and *Erosion* and Sediment Control.

8.8 Maintenance of Existing *Access* Track Drainage

(a) During the maintenance of existing *Access* Track infrastructure, all reinstatement, modification to and relocation of drainage is to be in accordance with the design and construction criteria and parameters for new drainage construction included at Section 12 – Land *Stabilisation*, of this *WCS*1.5.

(b) The maintenance construction works are to be conducted in accordance with the specified requirements for:

(i) *Access* Track drainage (subsection 5.7).

(ii) Maintenance of Drainage Control (subsection 12.2).

(iii) Removal of Drainage Controls (subsection 12.3).

8.8.1 Maintenance of Drainage Control Structures

(a) Inspect the drainage system(s); for accumulated *sediment*, falling *Vegetation* / trees, and soil and / or other materials in the drainage, remove all these material from drainage system(s) to allow clear drainage (water flow) in accordance with Section 12 – Land *Stabilisation*, Subsection 12.2 - Maintenance of Drainage Control.

(b) Repair any sections in the drainage system(s) that have deteriorated or that have been subjected to damage in accordance with Section 12 Land *Stabilisation*, Subsection 12.2 - Maintenance of Drainage Control.

8.8.2 Removal of Drainage Controls

(a) There is generally no need to remove existing drainage controls during this maintenance phase if they are constructed from naturally occurring materials at the *Site*. As long as the drainage controls are maintained and the existing drainage system is adequate, they can stay in place permanently.

(b) Where removal of existing drainage controls are required (for example on *Sites* that are already stable), remove the existing drainage controls in accordance with Section 12 – Land *Stabilisation*, subsection 12.3 - Removal of Drainage Controls.

8.9 Maintenance of Existing Erosion Control Infrastructure

8.9.1 Maintenance of Existing Erosion Control Structures

Maintain *Whoa-boys* or other *Erosion* control infrastructure in accordance with the following maintenance instruction:

(a) Inspect *Whoa-boys* or other *Erosion* control infrastructure for damage after weather events resulting in *Rainfall Run-off*.

(b) Check for environmental impact on land surface surrounding drainage outlets to prevent impact of *Rainfall Run-off* from *Access* Track *Pavement* and easements.

(c) Immediately correct all damage to *Whoa-boys* or other *Erosion* control infrastructure in accordance with Section 12 – Land *Stabilisation*, subsection 12.4.1.7 – Maintenance of *Whoa-boys*.

8.9.2 Construction of Additional Erosion Control Structures During Maintenance Phase

During the maintenance of existing *Whoa-boys* or other *Erosion* control infrastructure, all modification to, relocation and new construction of *Whoa-boys* or other *Erosion* control infrastructure is to be in accordance with the installation criteria and parameters for new *Whoa-boys* included at subsection 12.4.1.1 – Installation of *Whoa-boys* of this *WCS*1.5.

8.9.3 Removal of Whoa-boys or Other Erosion Control Structures During Maintenance Phase

Where removal of existing *Whoa-boys* or other *Erosion* control structures are required (for example on *Sites* that are already stable), undertake these removals in accordance with subsection 12.4.1.8 -Removal of *Whoa-boys*, of this *WCS*1.5.

8.9.4 Fibre Matting

8.9.4.1 Maintenance of Fibre Matting

Where maintenance of fibre matting is required (for example on *Slope*s that are already stable), undertake the maintenance in accordance with subsection 12.4.2.2 - Maintenance of Fibre Matting, of this *WCS*1.5.

8.9.4.2 Removal of Fibre Matting

Where removal of fibre matting is required, undertake these removals in accordance with subsection 12.4.2.3 - Removal of Fibre Matting, of this *WCS*1.5.

8.10 Maintenance of Existing Sediment Controls

8.10.1 Construction of Additional Sediment Controls During Maintenance Phase

(a) During the maintenance of existing *sediment* control infrastructure, when modification to, or construction of new *sediment* control infrastructure is under active consideration, the *Service Provider* is to consider alternative *sediment* control measures that may be more practical and / or effective for construction in accordance with Section 12, Subsection 12.5 - Sediment Control Methods, of this *WCS*1.5.

(b) During the maintenance of existing *sediment* control infrastructure, all modification to, relocation of, and new construction of *sediment* controls or other land *Stabilisation* infrastructure is to be in accordance with the installation criteria and parameters for new *sediment* controls or other land *Stabilisation* infrastructure included at Section 12, Subsection 12.5 – Sediment Control Methods, of this *WCS*1.5.

8.10.2 Maintenance of Sediment Controls

For the maintenance of sediment control infrastructure is to be conducted in accordance with Section 12 – Land *Stabilisation*, Subsection 126.1.3 - Maintenance of Sediment Fences, of this *WCS*1.5.

8.10.3 Removal of Sediment Controls

(a) When *Disrupted* ground surface areas up-*Slope* of the *sediment* control system is sufficiently *Stabilised* to restrain *Erosion*, the *sediment* control infrastructure and any outlets are to be removed in accordance with Section 12 – Land *Stabilisation*, Subsection 12.6.1.4 - Removal of Sediment Fences.

(b) Where ground surface areas have *Stabilised*, including the *sediment* build up at the *sediment* control barrier, there may be more value in leaving the *sediment* control infrastructure and any outlets where

they are. Removing the *sediment* control infrastructure at this stage will usually lead to the ground surface area becoming susceptible to *Erosion* once again.

8.11 Summary of Available Stabilisation Techniques

During the maintenance of existing *Access* Track infrastructure and the associated land *Stabilisation* infrastructure, when modification to, or construction of new land *Stabilisation* infrastructure is under active consideration, the *Service Provider* is to refer to the summary of available *Stabilisation* techniques Section 12.9 – Land *Stabilisation*, Table H5 - Summary of Available *Stabilisation* Techniques, to determine the more practical and / or effective land *Stabilisation* construction for the ground surface and environmental conditions at the *Site*.

8.12 *Access* Track Pavement Reformation

Access Track *Pavement* reformation is required to be undertaken for the following conditions at *Site*:

(a) Drainage control, especially in areas where any wheel rutting or compaction is likely to intercept, concentrate and channel water.

(b) Where the topography of the *Access* Track location or the drainage characteristics of the soil are likely to hinder *Access* for a protracted time period following rain, for example one to two weeks.

(c) Where the natural side-*Slope* would pose a safety hazard to potential users of the *Access* Track, for example Patrol Officers, *Service Providers* / Subcontractors, *Landowners / Occupiers* and *Energy Queensland* personnel.

(d) Where *Patch Gravelling* / rocking would be required. Often *Access* Track *Pavement* reformation can reduce or eliminate the need for *Patch Gravelling* / rocking. Where *Patch Gravelling* / rocking is still considered to be warranted, the reformation process can remove undesirable material and / or box the imported material where it is required.

8.13 *Access* Track Pavement Resurfacing

8.13.1 Slashing

Consider slashing as the preferred maintenance option for the *Access* Track *Pavement* if no *Erosion* or drainage problems are evident.

A well grassed running surface is considered ideal for *Energy Queensland's* purposes.

8.13.2 Blading

(a) Where appropriate and approved, use blading to maintain existing formed *Access* Track *Pavement* at locations requiring reinstatement of the *Access* Track *Pavement* formation.

(b) These situations requiring blading may be and are not limited to repair of potential environmental damage, for example drainage restriction and wheel ruts, or to remove potential hazards, for example fallen limbs and stakes.

8.13.3 Patch Gravelling / Rocking

(a) Only use *Patch Gravelling* / rocking when required to ensure traction, avoid rutting, or to maintain effective drainage.

(b) *Patch Gravelling* / rocking is not to be undertaken without the approval of the *Energy Queensland Officer* and the *Landowners / Occupiers*.

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9 Construction and Maintenance Standard – *Access* Track Infrastructure - General Construction and Maintenance Details and Typical Arrangements

9.1 Formation Profiles and Specifications

9.1.1 Crowned Surface Formation

9.1.1.1 Crowned Surface Formation Cross Section

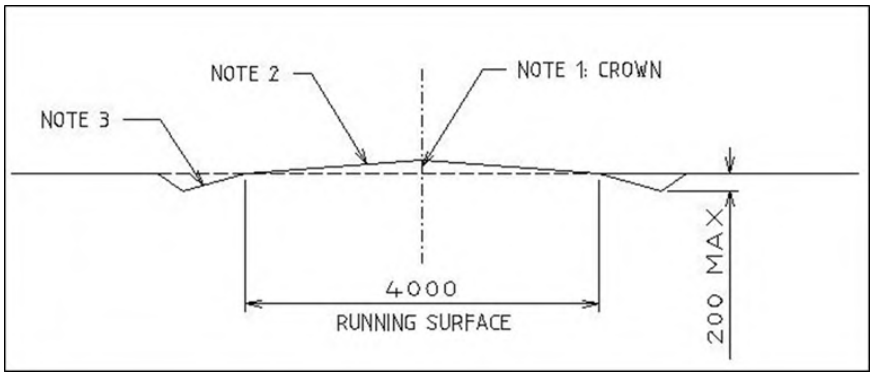


Figure E-1 – Crowned Surface Formation Cross Section

Note 1: Normally 0.1 metre above natural surface after consolidation, for example ≈ 0.15 metre unconsolidated.

Note 2: Nominal design cross fall of 5% after consolidation, for example ≈ 7% unconsolidated.

Note 3: Nominal shoulder *Batter* of 1:5.

9.1.1.2 Crowned Surface Formation Specification

(a) Is suitable for *Access* Track *Pavements* where water can be shed from both sides of the formation.

(b) May be used in other situations in conjunction with suitable crossroad drainage techniques across *Access* Track *Pavement* (refer to Section E4).

(c) May require down road drainage along *Access* Track *Pavement* (refer to Section E5).

9.1.2 Crowned Side Cut Formation

9.1.2.1 Crowned Side Cut Formation Cross Section

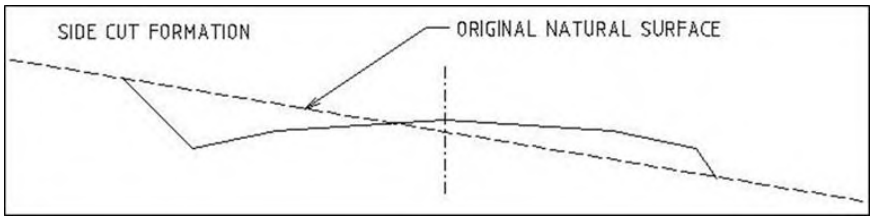


Figure E-2 – Crowned Side Cut Formation Cross Section

Notes and dimensions are specified in Section E1.1.1

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9.1.2.2 Crowned Side Cut Formation Specification

(a) Suitable for smaller lengths of side cut where water can be shed from the confined water table further down the *Access* Track *Pavement*, for example at ridge top saddle.

(b) May be used in limited situations for longer runs if used in conjunction with acceptable cross drainage techniques across *Access* Track *Pavement* (refer to Section E4).

9.1.3 Out-slope Formation

9.1.3.1 Out-slope Formation Cross Section

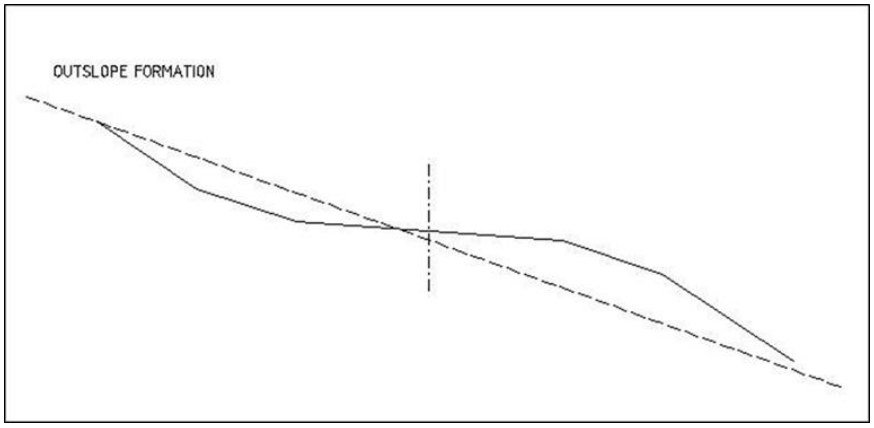


Figure E-3 – Out-slope Formation Cross Section

Note 1: Normally 0.1 metre above natural surface after consolidation, for example ≈ 0.15 metre unconsolidated.

Note 2: Nominal design cross fall of 5% after consolidation, for example ≈ 7% unconsolidated.

Note 3: Nominal shoulder *Batter* of 1:5 (20%).

9.1.3.2 Out-slope Formation Specification

(a) Suitable for longer lengths of side cut where water cannot be shed from the confined shoulder of the *Access* Track *Pavement* except across the running surface of the *Access* Track *Pavement*.

(b) This design profile should be used in conjunction with approved cross drainage techniques (refer to Section E4).

9.2 Clearing and Track Width

(a) The normal formation width is ≈ 6.6 metre (including *Batters*, table-drains and running surface of the *Access* Track *Pavement*).

(b) Clearing extends 1 metre either side of the *Access* track formation width.

(c) On steep topography, especially in areas of long lengths of side cut, hand felling is the required method of clearing outside the *Access* track formation widths.

(d) Clearing may be extended to remove unsafe or unsound trees.

(e) Long *Batter* lengths will require limited additional *Access* track formation and clearing widths.

9.3 Drainage of *Access* Tracks

9.3.1 Berms

(a) Berms are rills of excess or unsuitable roading material windrowed on to the side of the worked area.

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(b) Any berm is discontinuous. Open breaks at intervals of less than 20 metres.

(c) Extend any drainage through the berm.

(d) Place berms on the uphill side of workings, especially in locations suitable for outflow *Access* track formation (refer to Section E1). Where possible berms should be incorporated into the *Access* track shoulder.

9.3.2 Spacing

(a) Intercept and disperse water flow from table drains at safe locations and at least every 3 metres of vertical fall of the *Access* track *Pavement* centre line.

(b) It is acknowledged that soil type, *Slope* and climatic zones may vary the ideal from this specification. This specification is to be used as a minimum requirement, any variation to this Specification to be authorised in writing by the *Energy Queensland Officer*.

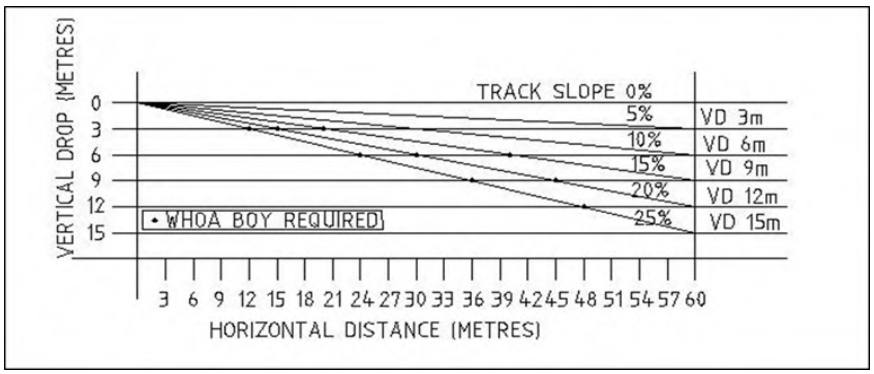


Figure E-4 – Cross Flow Whoa Boy Requirements

(i) Calculating *Slope*:

$$\textit{Slope}\% = \frac{\text{Vertical Drop (m)}}{\text{Horizontal Distance (m)}} \times 100$$

Example: $\frac{1.5\text{ m}}{15\text{ m}} \times 100 = 10\%\ \textit{Slope}$

(ii) Calculating Maximum Horizontal Spacing:

$$\text{Maximum Horizontal Spacing (m)} = \frac{\text{Maximum Allowable Vertical Drop (m)}}{\text{Actual } \textit{Slope}\%} \times 100$$

Example:
Maximum Allowable Vertical Drop = 3 m
Actual *Slope* = 10%

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So:

$$\text{Maximum Horizontal Spacing (m)} = \frac{3}{10} \times \frac{100}{1} = 30 \text{ m}$$

9.3.3 Turnouts (also called Side or Spur Drains)

Turnouts are generally:

(a) Should be as shorter length as possible.

(b) Should be terminated in as wide (level) a discharge as is practical.

(c) Should run at approximate 1.5% grade (the lead out of the table drain may exceed this limit and is not to be more than 1.5 metre in length).

(d) Requires an effective table drain stop.

(e) Should extend as far as is required to prevent discharged water from flowing back to the *Access* track formation further down the *Slope* (refer to diversion drains Section E3.4).

(f) Only discharges onto stable land surface areas of undisrupted *Vegetation* and not onto fill *Slope*s, exposed soils or directly into a *Watercourse*.

9.3.4 Diversion Drains

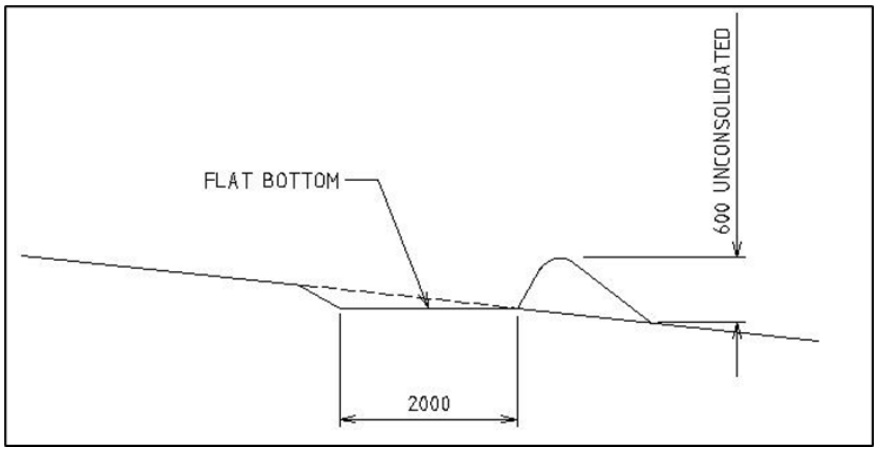


Figure E-5 – Diversion Drains

(a) All *Batter*s are less than 1:1.5 ratio.

(b) *Slope* of the diversion drain is 0.5% to 1.5%.

(c) These structures may need to be constructed to:

  (i) Intercept a major concentration of overland water flow.

  (ii) Prevent *Access* track discharge water from flowing back onto the *Access* track formation.

(d) Diversion drains should:

  (i) Be constructed with a grader.

  (ii) Be flat bottomed ≈ 2 metre wide.

  (iii) Capture no more than 2 hectares of catchments.

  (iv) Run at 1.0% ± 0.5%.

  (v) Discharge onto stable land surface areas of undisrupted *Vegetation* and not onto fill, *Slope*s, exposed soils, or directly into a *Watercourse*.

(vi) Be surveyed prior to construction.

(vii) May need to be seeded with approved and appropriate grass species, for example and not limited to jap millet, oats, couch, and natives as specified by the *Energy Queensland Officer*.

(viii) Have *Batter*s of less than 1:1.5 ratio.

(ix) Have an unconsolidated mound height of 600 mm.

9.4 *Access* Track Cross Road Draining Techniques

9.4.1 Culverts

(a) A culvert is defined as any RCP pipe, box or arch construction used for *Access* track crossroad drainage that is covered and below the surface of the *Access* track *Pavement*. Additional culverts are only to be installed at the express and written instructions of the *Energy Queensland Officer*.

(b) Preserve existing culverts and leave culvert heads in a clean and functional condition.

(c) If existing culverts are damaged during maintenance, photograph, and record in writing the location and extent of damage and relay this information to the *Energy Queensland Officer* within twenty-four hours of occurrence.

(d) New RCP pipe crossing construction and subsequent maintenance is to be undertaken in accordance with Figure E-13 – *Access* Track Infrastructure – *Watercourse* – RCP Pipe Crossing

9.4.2 Inverts

Inverts are man-made or naturally occurring open topped depressions in the surface of the *Access* track *Pavement* which allow for concentrated *Access* track crossroad drainage.

9.4.3 Cross Flow Whoa-Boys

These structures are used to invert water across the *Access* track *Pavement*.

9.4.3.1 Locating Cross Flow Whoa-Boys

(a) Placement of cross flow *Whoa-boys* requires care and planning. Construct cross flow *Whoa-boys* at critical points where there is:

(i) Significant change of grade.

(ii) Significant change of road direction.

(iii) Significant point of overland flow concentration.

(iv) Safe stable discharge point.

(b) After these key points are located, additional cross flow *Whoa-boys* will need to be constructed so as to remain within the minimum specification of 3 metre of vertical fall (refer to the spacing of *Access* track drainage Section E3.2).

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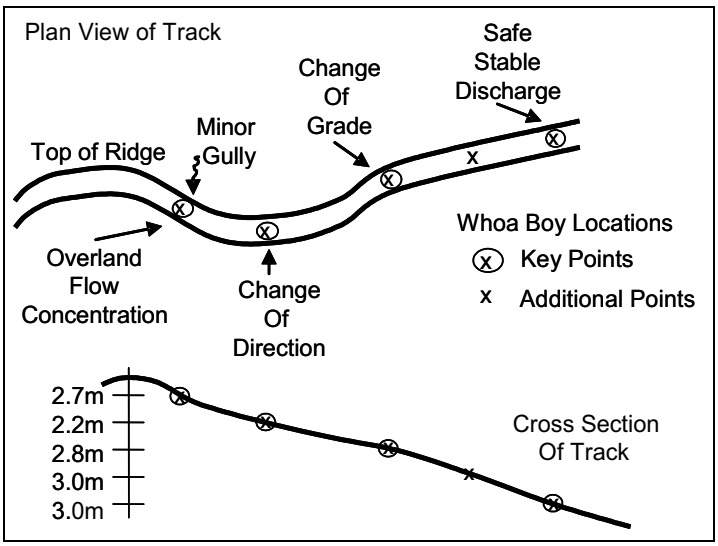


Figure E-6 – Location of Cross Flow Whoa-Boys – Indicative Construction Diagram

9.4.3.2 Dimensions of Cross Flow Whoa-Boys

(a) *Whoa-boys* are easily trafficable and drain water across the *Access* track *Pavement* without scouring, ponding, or overtopping.

(b) They will be approximately 600 mm high (unconsolidated) and be Battered for a minimum of 2 metre on both top and bottom sides of the mound.

(c) As the longitudinal *Slope* (grade) increases so too does the risk of overtopping. A corresponding degree of care with construction is warranted to preclude any risk of the structure failing.

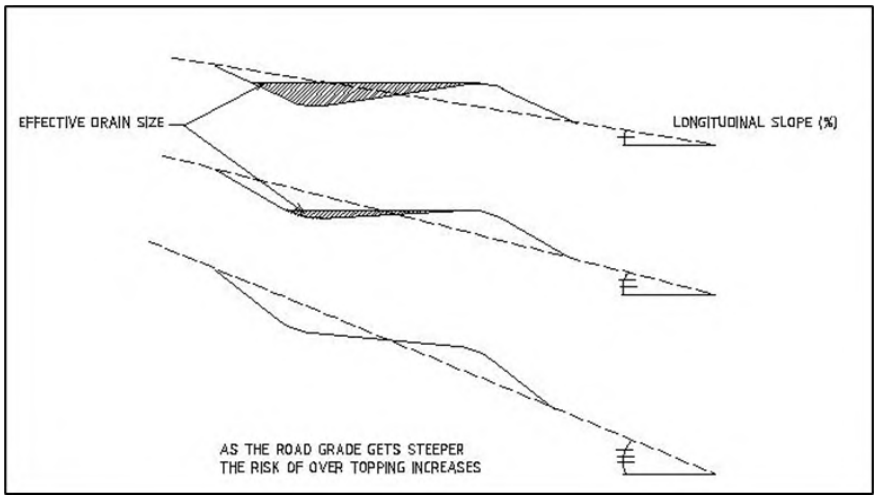


Figure E-7 – Cross Flow Whoa Boys – Cross Sections

(d) Generally:

(i) For Slopes < 5%, source materials from the lower side of the mound.

(ii) For Slopes 5% to 10%, source materials from both sides of the mound.

(iii) For *Slopes* > 10%, source all material from above the mound.

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(e) In some very steep situations additional material will be required. Gravel needs to be sourced externally and imported to the required Whoa Boy location.

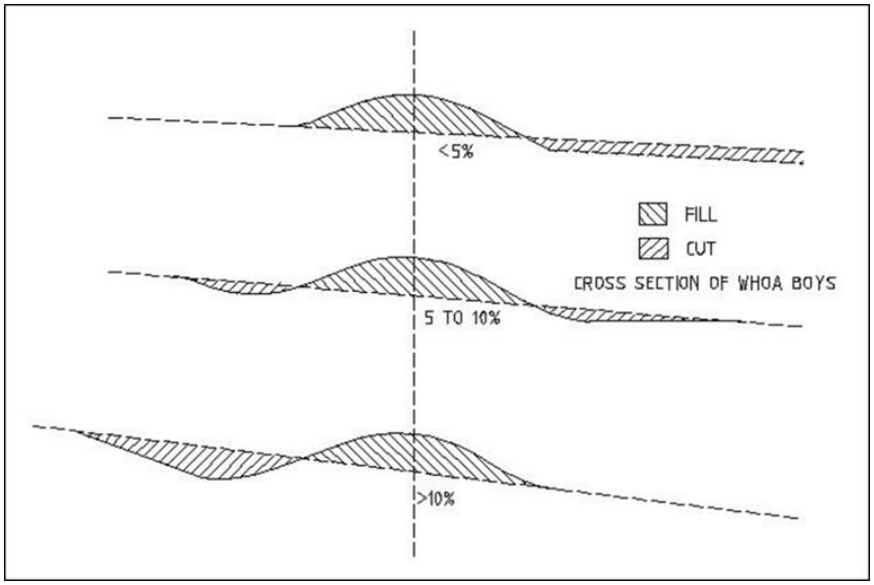


Figure E-7 – Whoa Boy Mound – Cross Sections

9.5 *Access* Track Down Road Drainage

(a) These techniques specifically relate to dispersal of water confined or concentrated on the running surface of the *Access* track *Pavement*, for example in wheel ruts or compacted zones.

(b) Water is to be dispersed using:

(i) Cross fall on running surface of the *Access* track *Pavement*.

(ii) *Whoa-boys*.

(iii) Combination of (i) and (ii).

9.5.1 Down Road Drainage on Formed *Access* Tracks

(a) Normally the cross-fall on the running surface of the *Access* track *Pavement* will suffice. Exceptions occur where the *Access* track formation is:

(i) On very steep *slopes* where the longitudinal *Slope* is far greater than the cross fall on the *Access* track formation and even minor ruts may channel the water and frustrate water shedding from the running surface of the *Access* track *Pavement*.

(ii) In locations with highly erodible soil types.

(b) Incorporate additional protective techniques in these situations. The techniques include *Access* track crossroad drainage structures if applicable, or if not applicable, install minor *Whoa-boys*.

9.5.2 Down Road Drainage on Unformed *Access* Tracks

(a) If the *Access* track intercepts and concentrates overland flows of water, then construct normal cross flow *Whoa-boys*. In these situations, it is imperative that the structure discharge extends a sufficient distance to preclude any chance of this water migrating back to the *Access* track *Pavement*.

(b) If overland flow is not a problem, then minor *Whoa-boys* will be acceptable.

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9.6 Whoa Boys

9.6.1 Locating Whoa-Boys

(a) Placement of *Whoa-boys* requires care and planning. Construct minor *Whoa-boys* at a critical point where there is:

(i) Significant change of grade.

(ii) Significant change of road direction.

(iii) Safe and stable discharge point.

(b) After these key points are located, additional *Whoa-boys* will need to be constructed so as to intercept the potential flow every 6 metre of vertical fall.

(c) These structures are free draining. Discharges extend a sufficient distance to preclude any chance of this water migrating back to the *Access* track *Pavement*.

9.6.2 Dimensions of Whoa-Boys

Minor *Whoa-boys* are easily trafficable and drain water off the running surface of the *Access* track *Pavement* without scouring, ponding, or overtopping.

(a) They will be approximately between 450 mm and 600 mm high (unconsolidated) and be *Battered* for a minimum of 2 metre on both top and bottom sides of the mound.

(b) As the longitudinal *Slope* (grade) increases so too does the risk of overtopping. A corresponding degree of care with construction is warranted to preclude any risk of the structure failing.

(c) Generally:

(i) For *slopes* < 5%, source materials from the lower side of the mound.

(i) For *slopes* 5% to 10%, source materials from both sides of the mound.

(ii) For *slopes* > 10%, source all material from above the mound.

(d) In some very steep situations additional material will be required. Gravel needs to be sourced externally and imported to the required *Whoa-boy* location. (Refer to Section E6.1 for indicative construction diagrams.)

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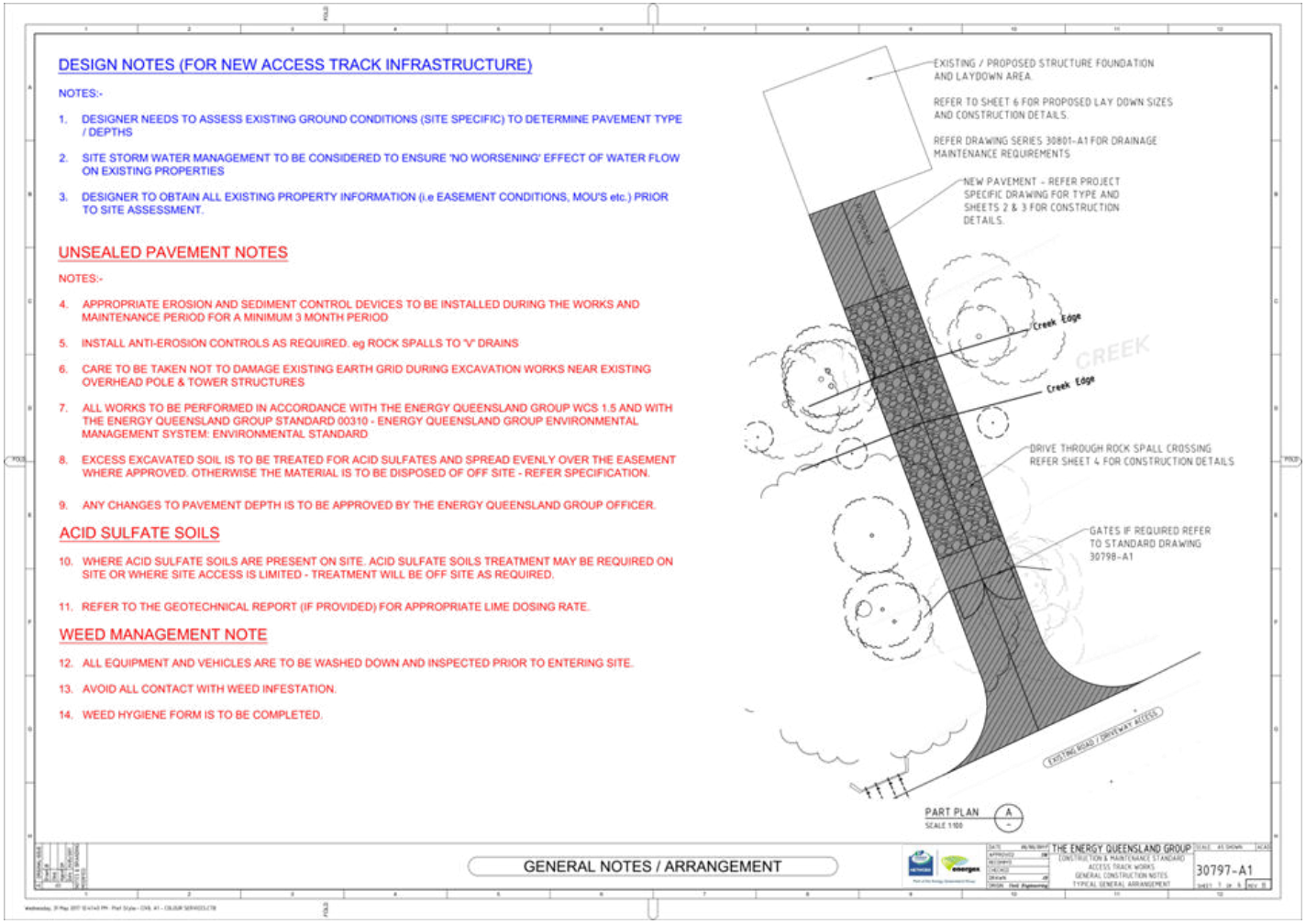


Figure E-9 – *Access* Track Infrastructure – General Notes and Typical Arrangement.

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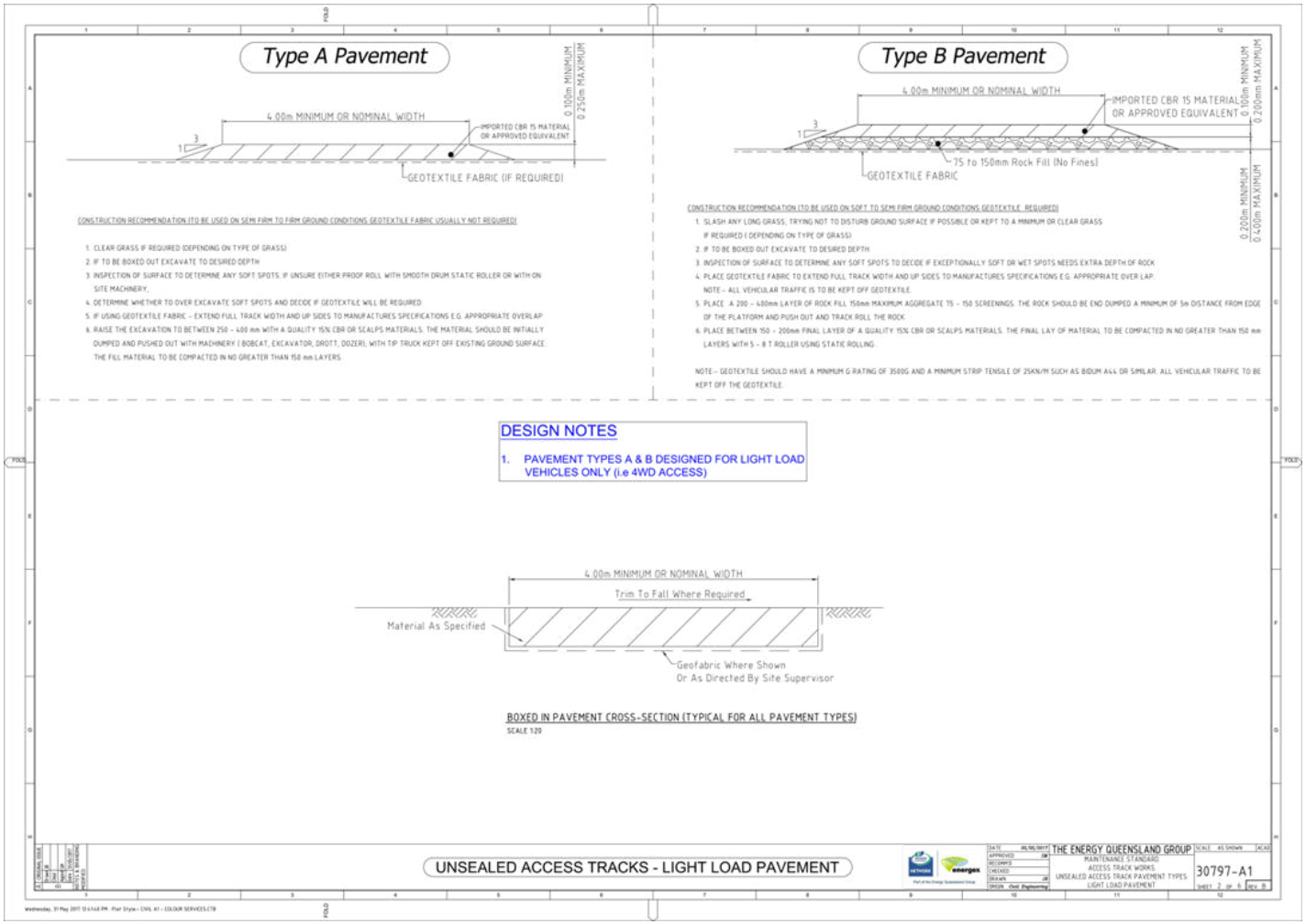


Figure E-10 – *Access* Track Infrastructure – Light Vehicle Loads – *Access* Track Pavement Types.

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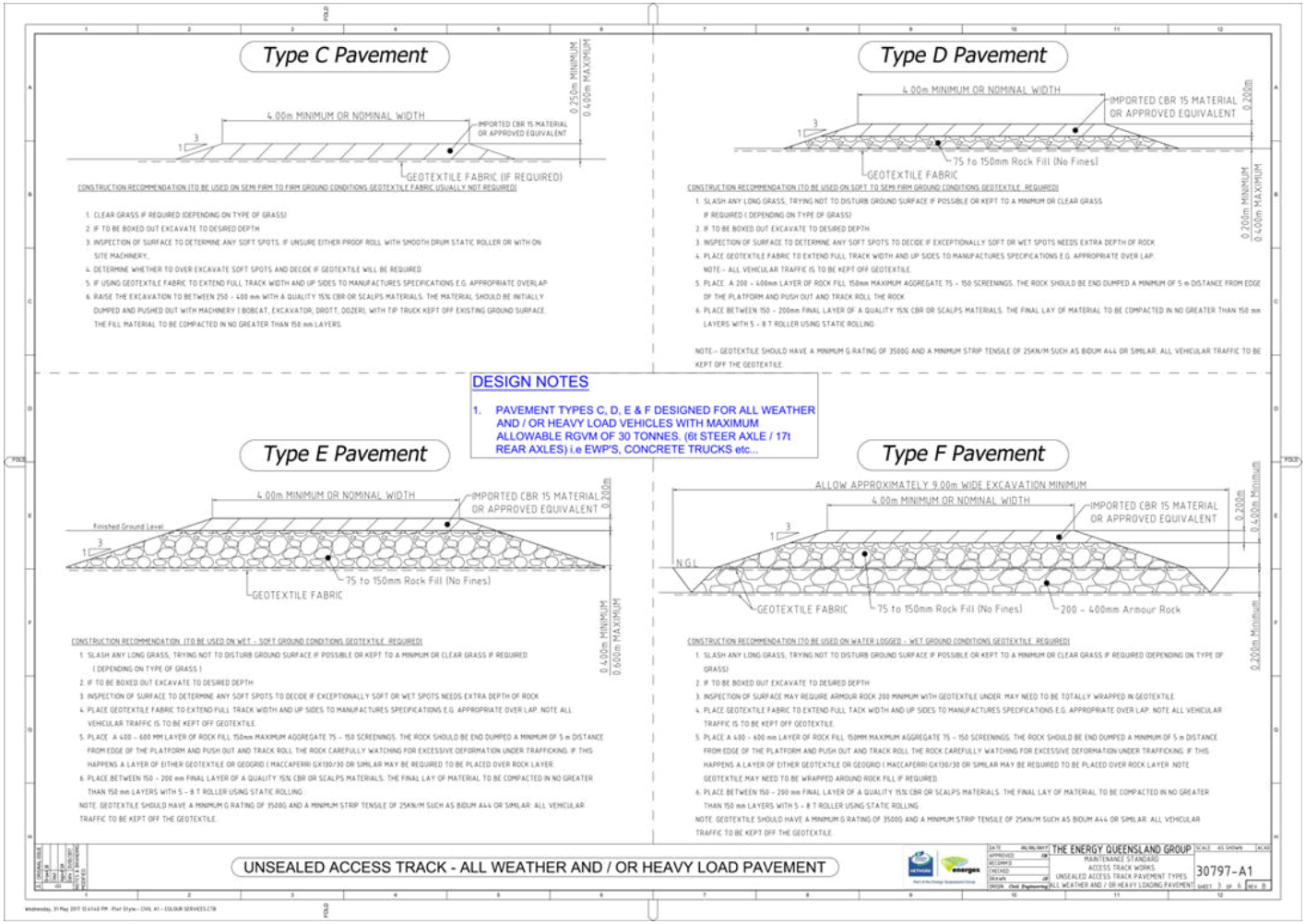


Figure E-11 – *Access* Track Infrastructure – All Weather And / Or Heavy Vehicle Loads – *Access* Track Pavement Types.

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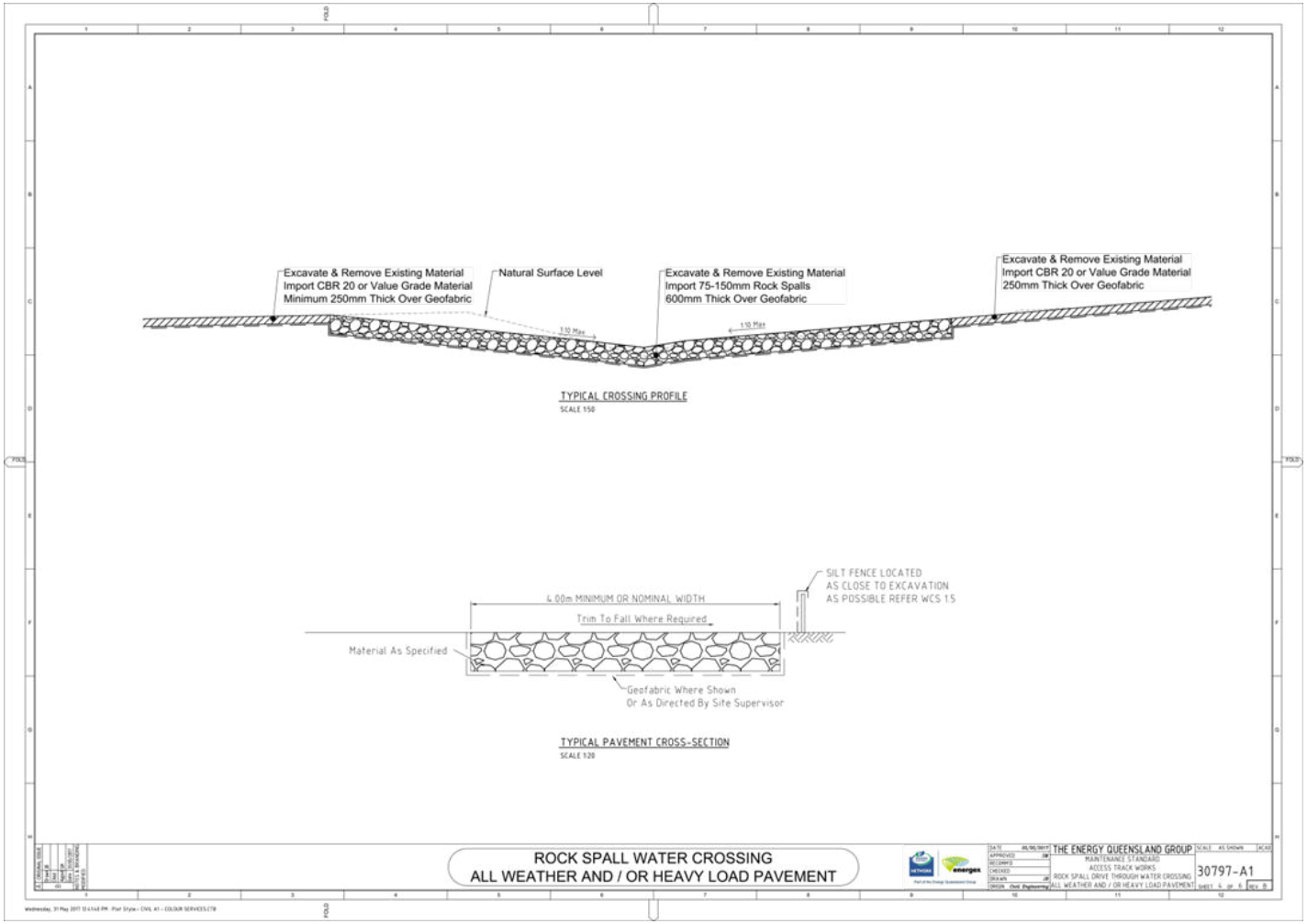


Figure E-12 – *Access* Track Infrastructure – Minor Creek Crossing – Rock Spall Water Course Crossing

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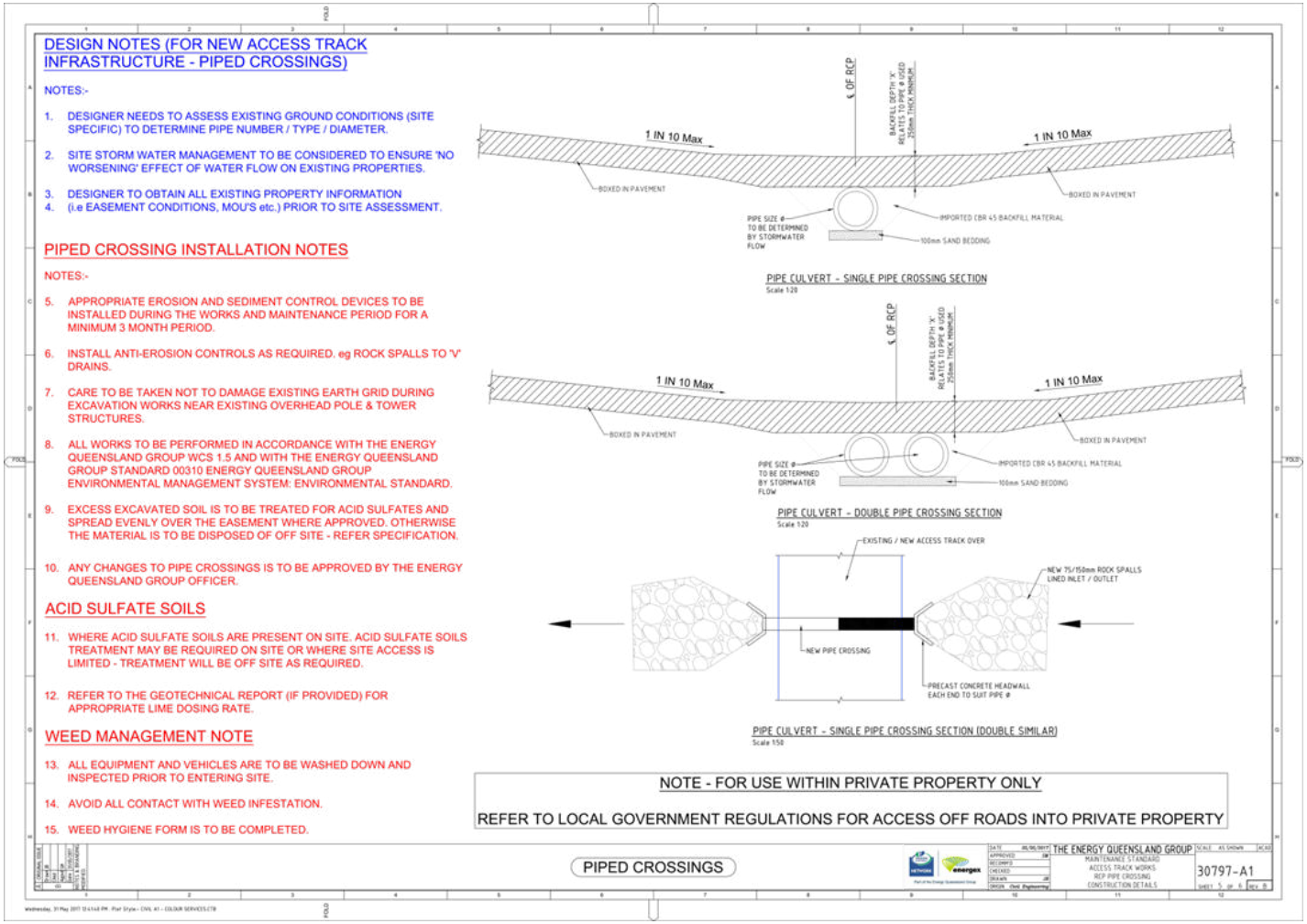


Figure E-13 – *Access* Track Infrastructure – Watercourse – RCP Pipe Crossing

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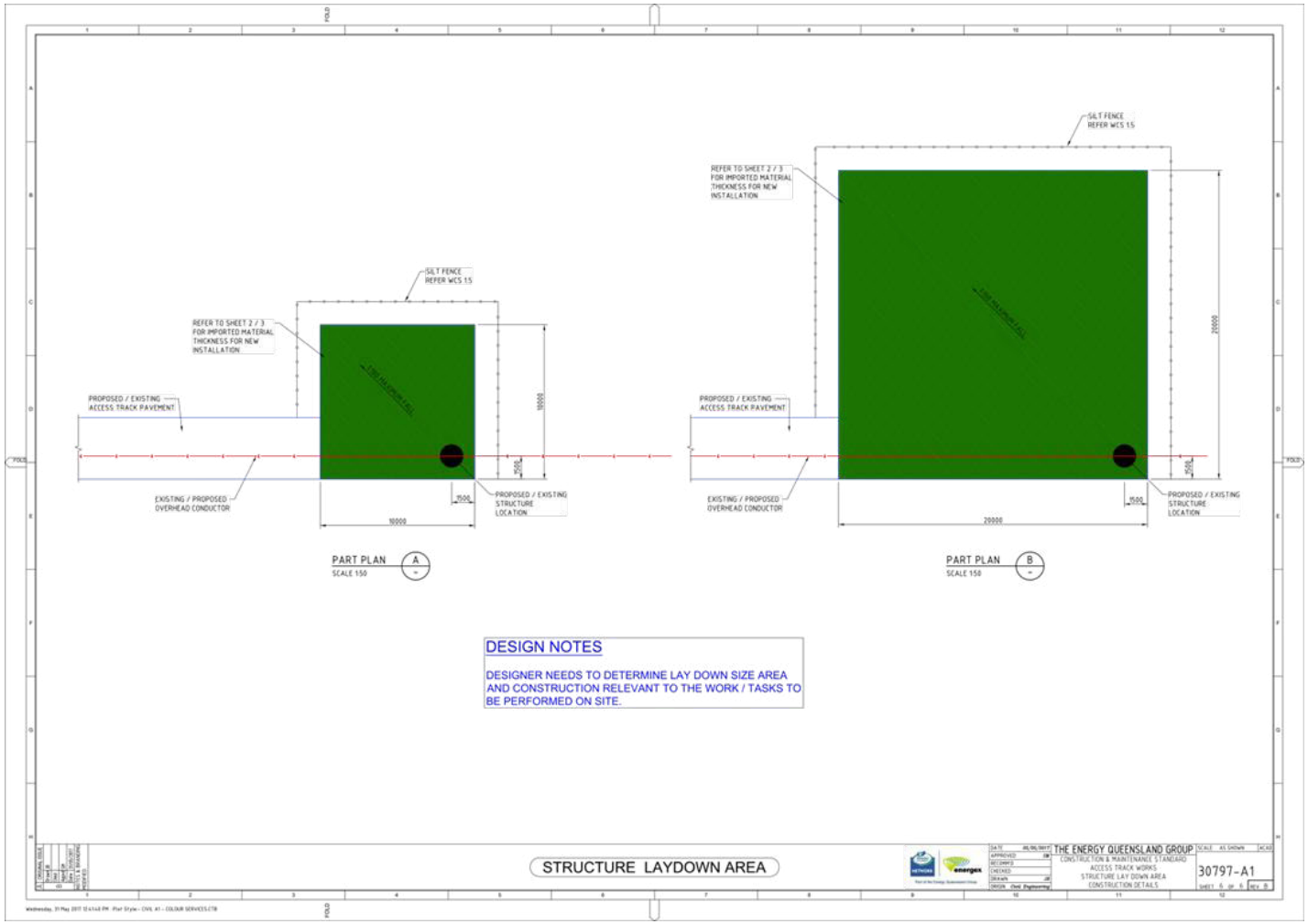


Figure E-14 – *Access* Track Infrastructure – Structure Laydown Area - Details

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10 Construction and Maintenance of *Access* Gates and Fencing Locking Rails

10.1 *Access* Gates and Locking Rails

(a) Undertake the construction / installation of new gate and / or locking rail assemblies where gate *Access* is required through a fence line that impedes continuous or lateral *Access* to electricity distribution and transmission network infrastructure.

(b) Install *Access* gates and locking rails of a size and style nominated on either the *Construction Plan n/Drawing* or along the route the power line is to follow.

(c) Where *Energy Queensland* is directly supplying the gates, posts, and assembly components, they will be supplied to an agreed location. The delivery to the *Worksite* is to be agreed beforehand by the *Energy Queensland Officer* and the *Service Provider*.

(d) Installation / construction includes:

(i) The cutting of the existing fence.

(ii) Removal of existing posts where necessary.

(iii) The construction of the gate(s) or locking rail.

(iv) The piecing, re-tensioning, and retying including repair of the existing fencing, if necessary.

(v) Restoring the fence to as good as or better condition that existed prior to the construction of the gate(s) or locking rail(s).

Replacement is to occur where the function of an existing gate or locking rail is impaired by major damage or deterioration to the majority of the gate's or locking rail's components or the clear opening for *Access* is to be altered.

(e) The construction / installation of new gate and / or locking rail assemblies and the maintenance of existing gate and / or locking rail assemblies is to be performed only with the approval of the *Energy Queensland Officer*.

10.1.1 Uninterrupted Construction and Maintenance of *Access* Gates and Locking Rails and Safe Performance of Works In Remote Locations

At each *Worksite* (particularly in remote and / or isolated regional areas), to ensure uninterrupted construction and maintenance of *Access* gates and locking rails and safe performance of works the *Service Provider* is to:

(a) Provide all plant, equipment, materials for the nominated *Access* gate(s) or locking rail(s) design necessary for the safe performance of the work to specified construction and / or maintenance standards.

(b) Provide a competent and suitably experienced plant *Operator* for the relevant plant at the *Worksite*.

(c) Provide competent *Operators* to perform the works and *Worksite Supervisor* (as required) for the supervision of the works.

(d) Provide all the necessary support for the *Operator(s)* and maintenance for plant and equipment.

(e) Accept all liability for any damage that may occur to all supplied materials and equipment during the period of construction and maintenance works.

(f) Assume responsibility as caretaker for all the plant and equipment at the *Worksite* and during transport during the period of construction and maintenance works.

10.2 *Access* Gates or Locking Rails Installed in Boundary Fences

(a) If the subdivision of existing parcels of land poses the introduction of a new fence across an existing *Access* track, or a *Landholder* intends to construct an internal fence across an existing *Access* track which will prevent *Access* to an electricity network structure, the *Landowner*, will be required to

construct a gate or locking rail in the fence centred over the *Access* track for *Energy Queensland* to *Access* electricity network structure(s) in the vicinity, as detailed in:

(i) Figure F-2 – *Access* Track Infrastructure – *Access* Gate Construction and Fabrication Details.

(ii) Figure F-3 – *Access* Track Infrastructure – Fencing Locking Rail – Log Rail Barrier Details.

(iii) Figure F-4 – *Access* Track Infrastructure – Fencing Locking Rail – CHS Pipework Rail Barrier Details.

(iv) Figure F-5 – *Access* Track Infrastructure – Fencing Locking Rail – PFC Post and CHS Rail Barrier Details.

(b) In situations where new subdivision fences are constructed on existing powerline easements there is to be a minimum clearance of 3 metres between the fence line and the nearest edge of any *Energy Queensland* poles, columns, towers, or other infrastructure assets to allow working *Access* to and around the *Site*.

(c) The minimum requirement would be to request the *Landholder* constructing the fence, to include a gate or locking rail in their planned fence-line that is centred over the *Access* track. *Energy Queensland* may at its discretion agree to supply the gate or locking rail components for the installation.

(d) All *Access* gates or locking rails installed in boundary fences are to be locked with standard locks provided by *Energy Queensland*, unless adjacent *Landholders* (property owners) are satisfied that they are left unlocked. Gates and locking rails installed in internal property fences will be latched or locked on request. All locks remain the property of *Energy Queensland* and should only be used to give *Energy Queensland* authorised personnel *Access* through a gate or locking rail. Any extra lock(s) are to be located so that no party can lock any other party out.

(e) Existing gates and locking rails are to be left as they are found. Where it appears that a gate or locking rail should be shut, relevant *Landholders* (property owners) are to be contacted where possible, to ascertain the appropriate action to be taken in relation to the gate or locking rail.

(f) Under no circumstances is a gate or locking rail to be locked by *Energy Queensland* without consultation with the *Landholder* (property owner) and their agreement.

10.3 *Access* Gates and Locking Rail - Construction

(a) The *Service Provider* is to construct, replace or maintain (repair) *Access* gates or locking rails.

(b) The *Service Provider* provides all transportation of materials, supervision, support, labour, and equipment necessary for the construction, replacement, or maintenance (repair) of gates or locking rails.

(c) Recover existing gate or locking rail assemblies or components that are replaced during works and return the assemblies or components that remain in a serviceable condition, to a location nominated by the *Energy Queensland Officer*.

(d) Strain the fence wires at least as tight as the existing fence wires and tie the wires off permanently around the gateposts as indicated in the construction drawing included in this Section 10, Figure F-2 to Figure F-5 inclusive.

10.4 Gate Post Removal - Uncontaminated Timber

When the *Service Provider* is required to remove wooden gate posts, inspect the post to check for evidence of Termite / CCA treatment. If Termite / CCA treatment is not suspected, then:

(a) Remove and dispose of any waste and the wooden gate post(s) in an approved industrial waste bin or collection point for recycling in accordance with local *Authority* regulations. General waste includes:

(i) Uncontaminated wooden gate posts.

(ii) Concrete.

(iii) Excavated Rocks.

(iv) Timber / wood shavings and off-cuts.

(v) *Vegetation* and debris from Worksite.

(vi) Wire off-cuts.

10.5 Gate Post - Reinstatement

(a) Backfill the gate post excavation with all the available excavated soil and provide approved additional backfill material for the excavation where required. Approved backfill material supplied by the *Service Provider* is to be clean gravel, sand, or loam suitable for compaction with a maximum particle size of 25mm. Clean backfill material may be collected from the *Worksite* if the backfill material is gathered from a distance greater than 2 metres from any existing wooden gate posts in the surrounding area, and if the backfill material is suitable for compaction.

(b) As the backfill soil is reinstated in the excavation, compact the layers of soil at 100mm vertical intervals with a suitable compaction tool all around the full circumference of the wooden gate post.

(c) Cover the backfill and adjacent ground surface with clean soil material to the nominated depth, according to the following requirements:

(i) ≥75mm depth above the contaminated soil backfill if the wooden gate post is in a normal grazing area.

(ii) ≥100mm depth above the contaminated soil backfill if the wooden gate post is located near feedlots, dairies, or fenced cattle yards where cattle are contained in close proximity for extended periods.

(d) Leave the *Worksite* in a safe, clean, and tidy condition.

10.6 Gate Post Removal - Contaminated Timber

When a wooden gate post(s) is known to be, or suspected of being contaminated from Termite / CCA treatment, the *Service Provider* undertakes the following additional steps for removal, in addition to those set out in subsection 12.4:

(a) Follow trackable waste handling and transport procedures appropriate for relevant local *Authority*. Trackable waste includes and is not limited to:

(i) Wooden gate post(s)

(ii) Chemical residue and containers enclosing the chemical residue.

(b) On certified organic farmland, on chemical-free properties, in stock holding yards or in *Watercourses*, transport the posts and waste materials in secure containment on a route that reduces the exposure of contamination to these sensitive locations in the immediate vicinity and / or along the nominated transport route.

(c) When operating in Regional Queensland areas (*Energy Queensland* Northern & Southern Regions), for further information refer to Implement Controls – Handling and Disposal of Redundant Poles Work Instruction.

10.7 *Access* Gate and Locking Rail Construction - Unstable Soil

(a) At locations in Regional Queensland where unstable soil conditions are identified at *Site* (for example black soil), install an additional gate post each side of the field gate opening and construct a variation to the type of strainer assembly with additional adaptive strap and bracing in the span between the two standard gate posts each side of the field gate opening.

(b) At locations with areas of unstable soils in regional Queensland, install five bar field gates only, within cattle grazing country and on State *Authority* controlled land.

(c) At locations with areas of unstable soils in regional Queensland, install mesh field gates only, within sheep or goat grazing country and within rural residential areas.

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10.8 Gate Supply Regional Queensland

The stock code numbers and their description for field gates, gate posts and assembly components are to be quoted when requesting supply from an *Energy Queensland* regional warehouse (store) is outlined below in Table F1.

Table F1 – Field Gate Stock Code Number and Description

***ENERGY QUEENSLAND* STOCK CODE NUMBER AND DESCRIPTION**		
EnergyQ Stock Code Number[2]	**EnergyQ Stock Code Description[3]**	**Additional Field Requirements**
2417624	**GATE:** Driveable End Assembly with Hinges: 1x2100mm (100mmNB/75x75mm angle) post, 1 x 3250mm x 50NB stay, 1 x 450mm x 200mm x 6mm galv. Driveable stay block 1 x adjustable galvanised TOP Strap, 1 x adjustable galvanised BOTTOM Gudgeon	Two of these assemblies are required to construct one field gate. Each assembly weighs 40kg.
2417616	**GATE:** Set Five Bar Field Gate 2 x 2370mm x 1170mm x 25NB 4.8m Opening, 400mm x 8mm Chain. Hot Dipped Galvanised.	One of these sets is required to construct one five bar field gate. Each set weighs 70kg.
2417665	**GATE:** Set Weld Mesh Field Gate 2 x 2370mm x 1170mm x 25NB 4.8m Opening, 400mm x 8m Chain, Hot Dipped Galvanised.	One of these sets is required to construct one weld mesh field gate. Each set weighs 70kg.
2438596	**BOX ASSEMBLY, FENCING;** Strainer for Unstable Soils c/w Post 1x2100mm (100mmNB/75x75mm Angle), Top Rail 1x60NB, Turnbuckle, Wire Brace, Bolt & Nut, 2 x Upper & Lower Brackets.	Two of these assemblies are required to construct one field gate. Each assembly requires one 2417624 : drivable end assembly with hinges Each assembly weighs 40 kg.
2417657	**GATE:** Strainer Assembly Post Driver 6" Round Pipe	A hand-held system that requires a documented safe system of work for its use.
Note:	To assemble a complete gateway you require two strainer post packages and one gate panel package.	
2465979	**SIGN Arrow**, Aluminium, 220 x 120 x 1.6mm, Class1 Material, Red Screen-Printed Arrow with *Energy Queensland* Group Logo Cut-out, White Reflective B/Ground, c/w Mounting[4].	

10.9 *Access* Gate and Locking Rail Signage

(a) For the location of *Access* gate(s) and locking rail(s) not installed in the immediate vicinity of the *Energy Queensland Overhead Conductors* and associated support infrastructure, use the *Energy Queensland* directional arrow sign(s) on the dividing fence, *Access* gate or locking rail to indicate the

Specification for Land Management Construction

direction to the next nearest gate or locking rail providing *Access* through the fence to the *Energy Queensland Overhead Conductors* and associated support infrastructure.

(b) For the fabrication details and the stock code number and its description for the *Energy Queensland* directional arrow signage refer to:

(i) Table F1 -- Field Gate Stock Code Number and Description.

(ii) Figure F1 -- *Energy Queensland* Directional Arrow Signage.

(c) When requesting supply from *Energy Queensland* of the directional arrow signs, quote the stock code numbers and description for the directional arrow signage. Contact the *Energy Queensland Officer* to arrange supply, pick up and / or delivery drop of point at Site of the directional arrow signage.

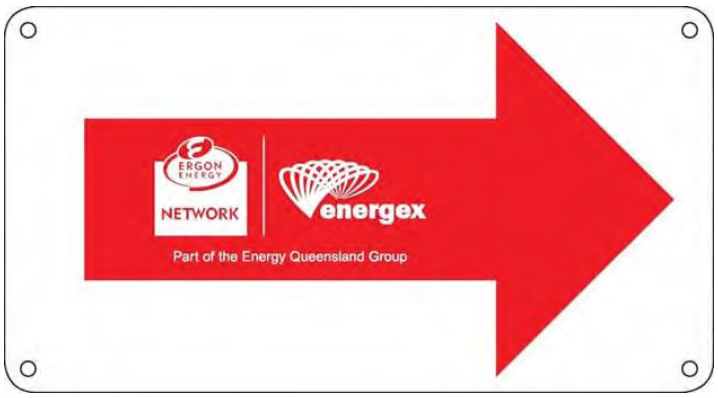


Figure F-1 -- *Energy Queensland* Directional Arrow Signage.

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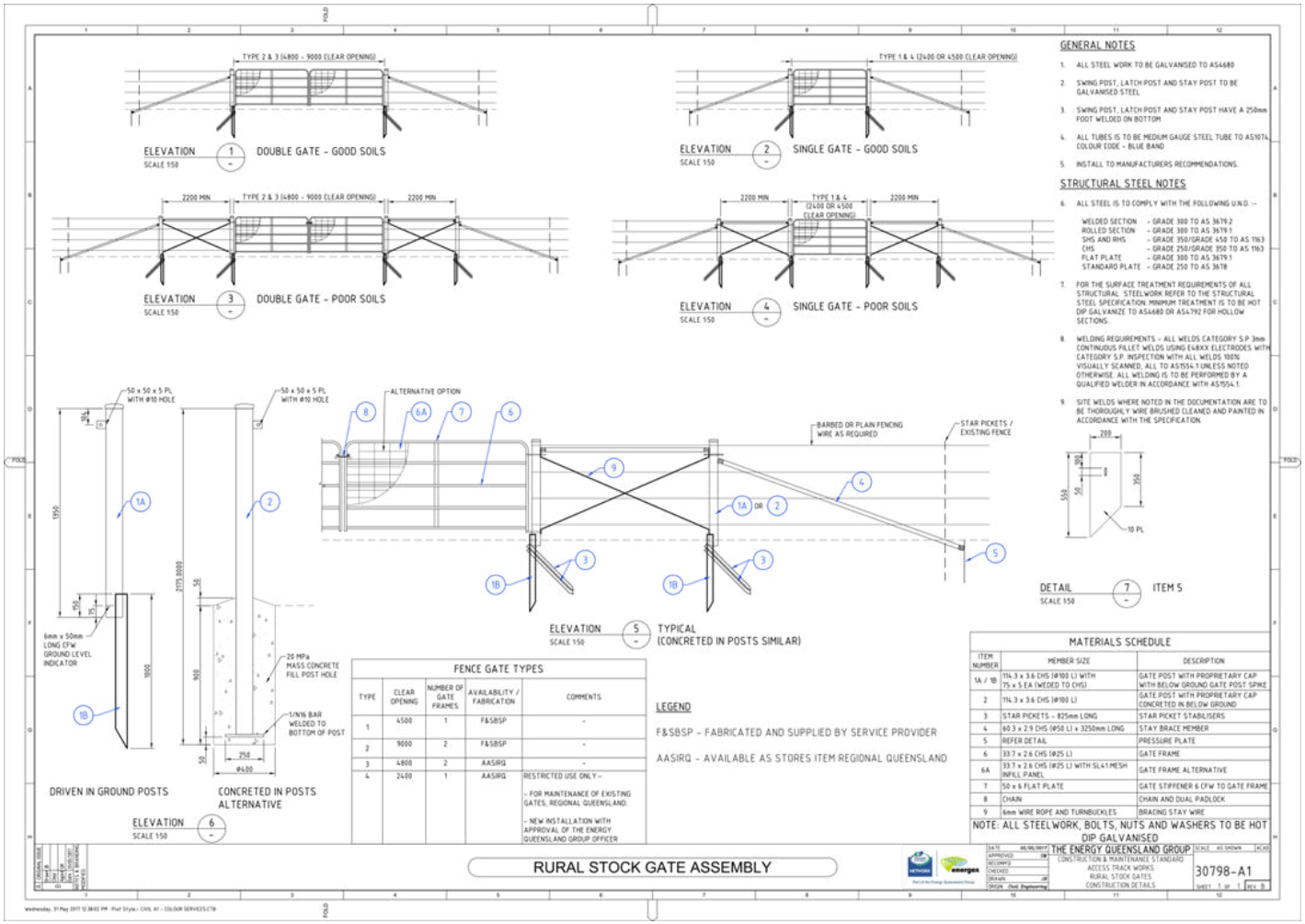


Figure F-2 – *Access* Track Infrastructure – *Access* Gate Construction and Fabrication Details.

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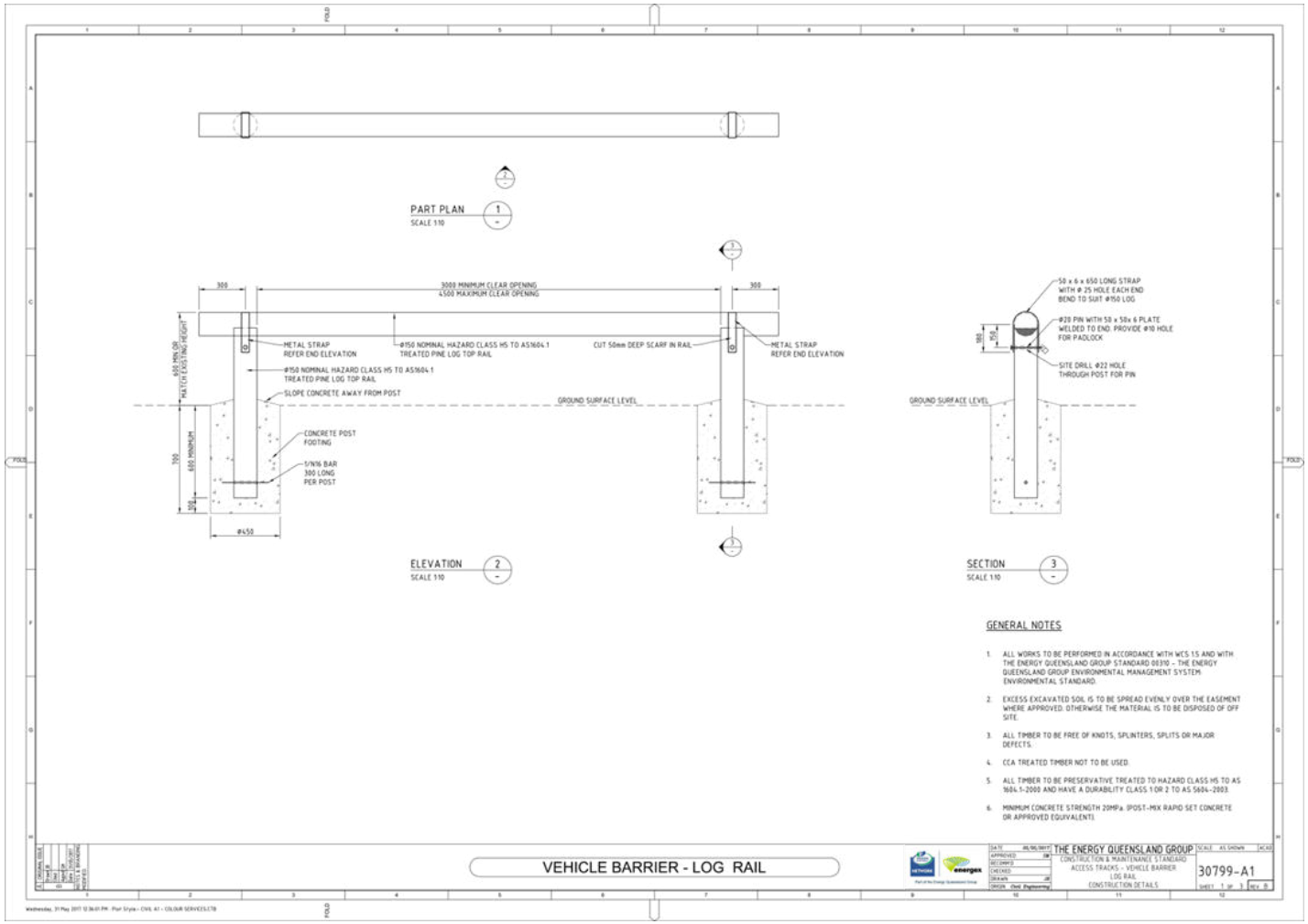


Figure F-3 – *Access* Track Infrastructure – Fencing Locking Rail – Log Rail Barrier Details.

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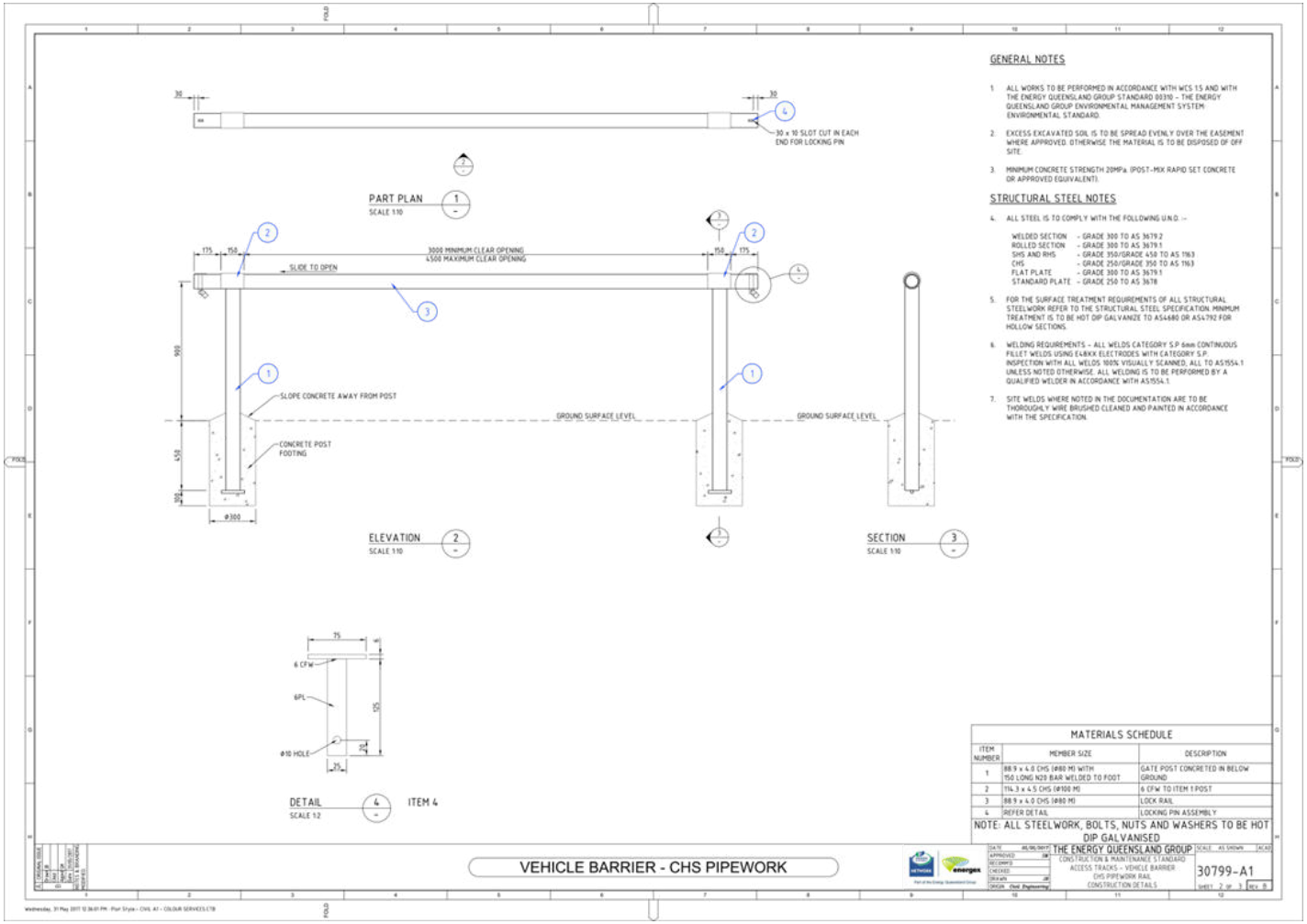


Figure F-4 – *Access* Track Infrastructure – Fencing Locking Rail – CHS Pipework Rail Barrier Details.

Specification for Land Management Construction

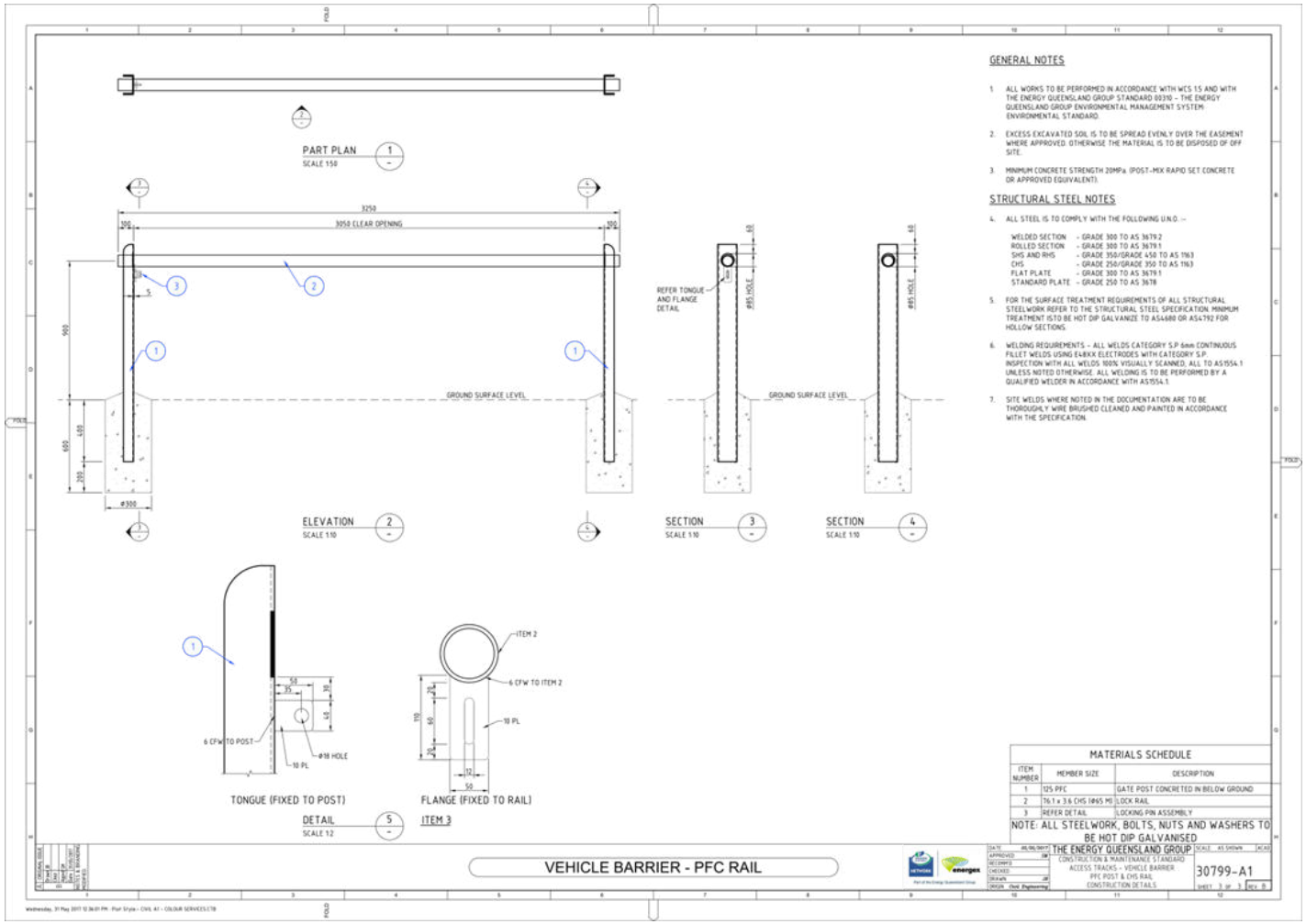


Figure F-5 – *Access* Track Infrastructure – Fencing Locking Rail – PFC Post and CHS Rail Barrier Details.

Specification for Land Management Construction

11 Construction and Maintenance of Infrastructure Drainage

11.1 Construction and Maintenance of Infrastructure Drainage

(a) Undertake the initial construction / ongoing maintenance of *Infrastructure Drainage*, that is where the system of drainage around electricity distribution and transmission network infrastructure is required to prevent moisture (e.g., storm water) ponding around and the build-up of soil and debris around tower legs, mono and multi structure poles and columns (wood / concrete / steel) and their foundations at or above ground surface level.

(b) The initial construction / ongoing maintenance of *Infrastructure Drainage*, is to be undertaken in accordance with:

(i) *Infrastructure Drainage* - Technical Specification (subsection 11.2).

(ii) *Figure G-1–Drainage Maintenance – Lattice Tower.*

(iii) *Figure G-2–Drainage Maintenance – Monopole Structure.*

(iv) *Figure G-3–Drainage Maintenance – 'H' Frame Structure.*

11.2 Infrastructure Drainage - Technical Specification

11.2.1 Extent of Work

The work included comprises of and is not limited to:

(a) Clearing of the *Worksite*.

(b) Earth works.

(c) Installation of *Erosion* and *sediment* control devices.

(d) Treatment and disposal of spoil.

11.2.2 Clearing of Site

(a) Clear tower leg, and mono and multi structure poles and columns *Worksites*, including surface areas surrounding tower leg, and mono and multi structure poles and columns foundations; of all shrubs, scrub, undergrowth, dumped building material, spoil resulting from *Erosion* and surface boulders.

(b) Remove all debris resulting from *Worksite* clearing to the nearest approved refuse tip off *Site* accepting this class of debris and material.

11.2.3 Excavation

Undertake excavation where required to suit the dimensions and surface levels nominated for drains or mounding.

11.2.4 Treatment Disposal of Spoil

(a) Where required, dispose of excess spoil removed from the *Site* in accordance with controlling *Authority* requirements for transport and disposal, and negotiated *Landholder* acceptance.

(b) Implement appropriate control measures (disposal process in place to handle and transport the contaminated soil) on *Sites* containing acid sulphate soils.

11.2.5 Construction Work

(a) Construct earth "V" drains, local cut-off drains or mounding to ensure redirection of stormwater around base of tower legs, and mono and multi structure poles and columns.

(b) Grade or bench ground surface under tower (inside area bounded by tower legs) to ensure no ponding of stormwater below the tower or adjacent to tower leg foundation.

Specification for Land Management Construction

(c) Grade or bench ground surface between multi structure poles and columns (inside area bounded by multi structure poles and columns) to ensure no ponding of between multi structure poles and columns or adjacent to multi structure pole and column foundation.

(d) Bench area surrounding foundations to ensure top surface of foundations are a minimum of 100 mm proud of the surrounding ground surface level.

(e) Install appropriate *Erosion* and *sediment* control devices during the construction or maintenance and maintain them for a period of not less than 3 months and the environmental hazards being controlled cease to exist. (Provide anti-erosion controls, for example rock spalls to “V” drains, when required).

(f) Exercise extreme care to positively identify the location of and not to damage any existing earth grids, electricity cables or essential services during required excavation.

(g) Excess excavated uncontaminated soil may be spread evenly over the easement when approved by the *Energy Queensland Officer* and there is no potential for environment harm to occur.

Specification for Land Management Construction

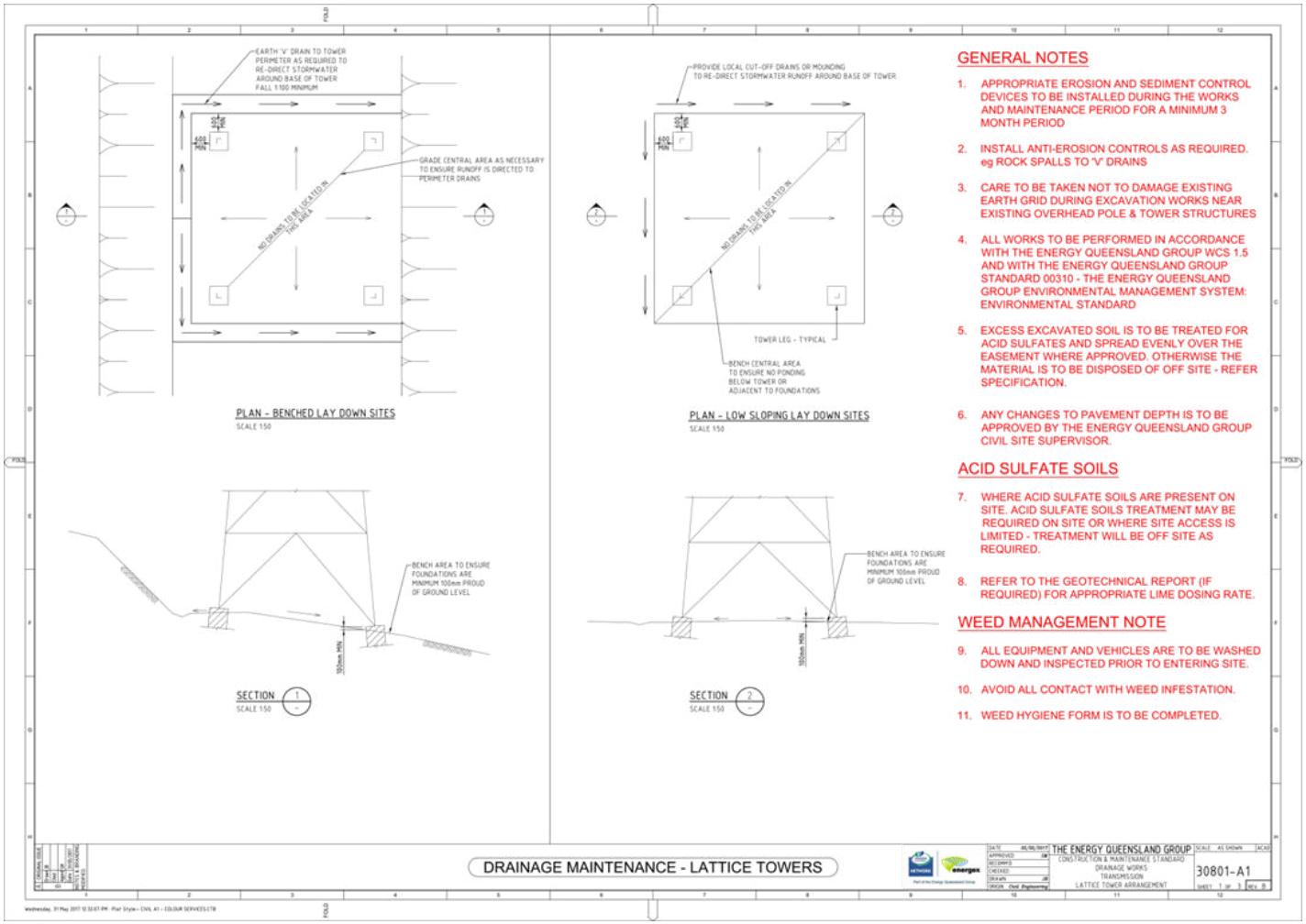


Figure G-1–Drainage Maintenance – Lattice Tower

Specification for Land Management Construction

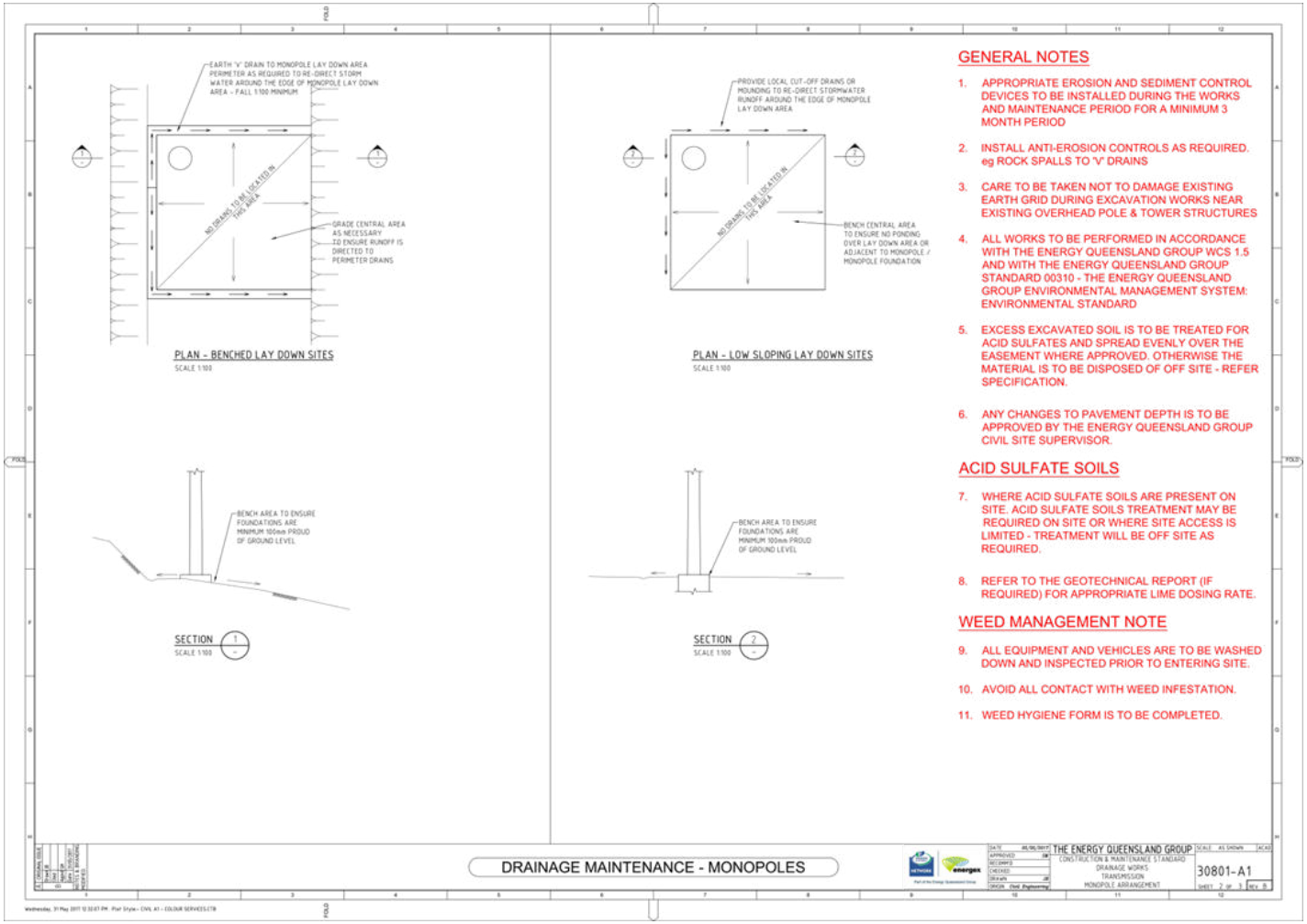


Figure G-2–Drainage Maintenance – Monopole Structure

Specification for Land Management Construction

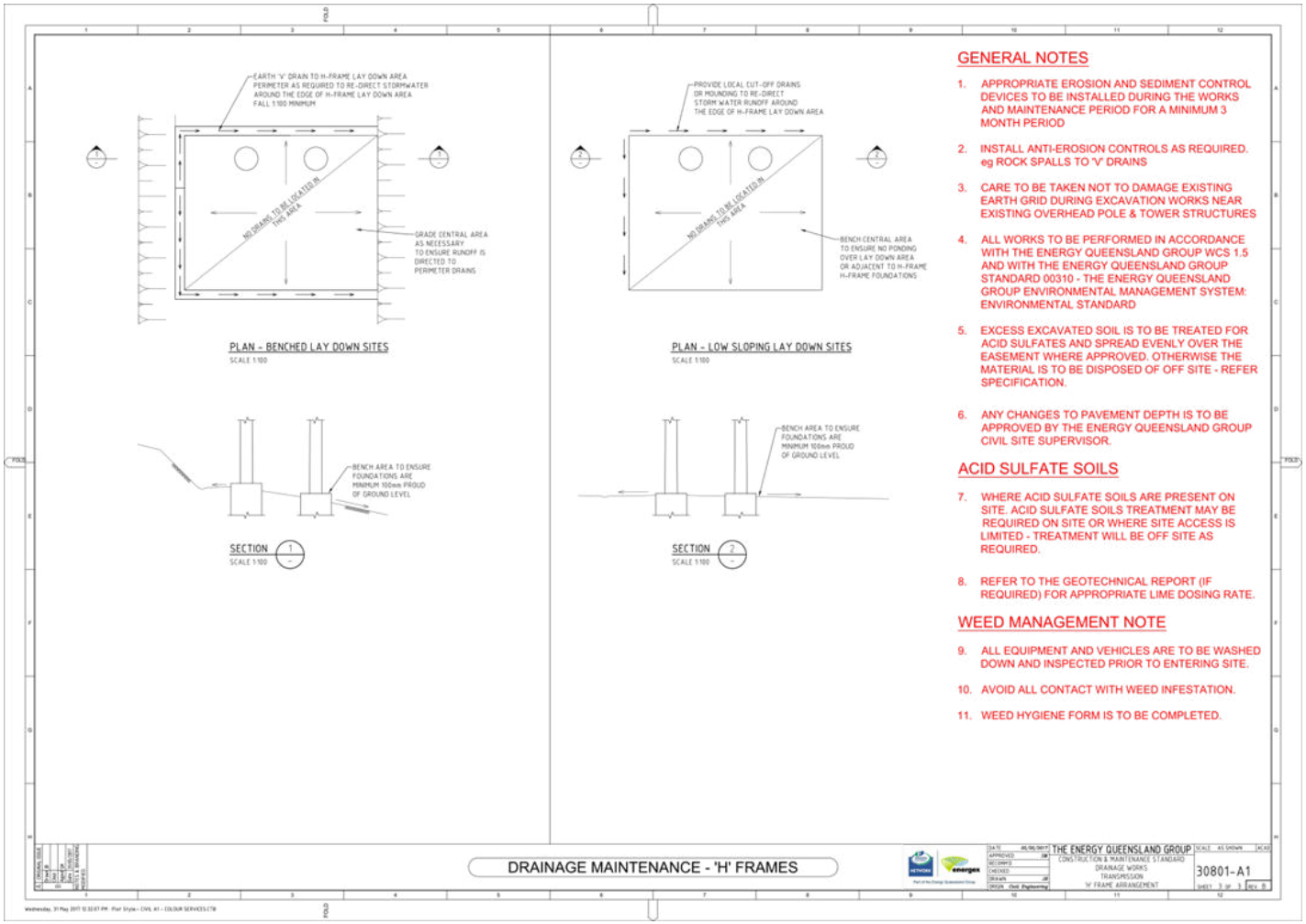


Figure G-3–Drainage Maintenance – 'H' Frame Structure

Specification for Land Management Construction

12 Land Stabilisation

12.1 Drainage Control Methods

Figure H-1 below, details where drainage systems (including pipes) are to be located to drain water runoff away from the *Access* track *Pavement* surface. The top portion of the figure (illustration) is an end view or cross-section of the *Access* track *Pavement* and the surrounding land surface.

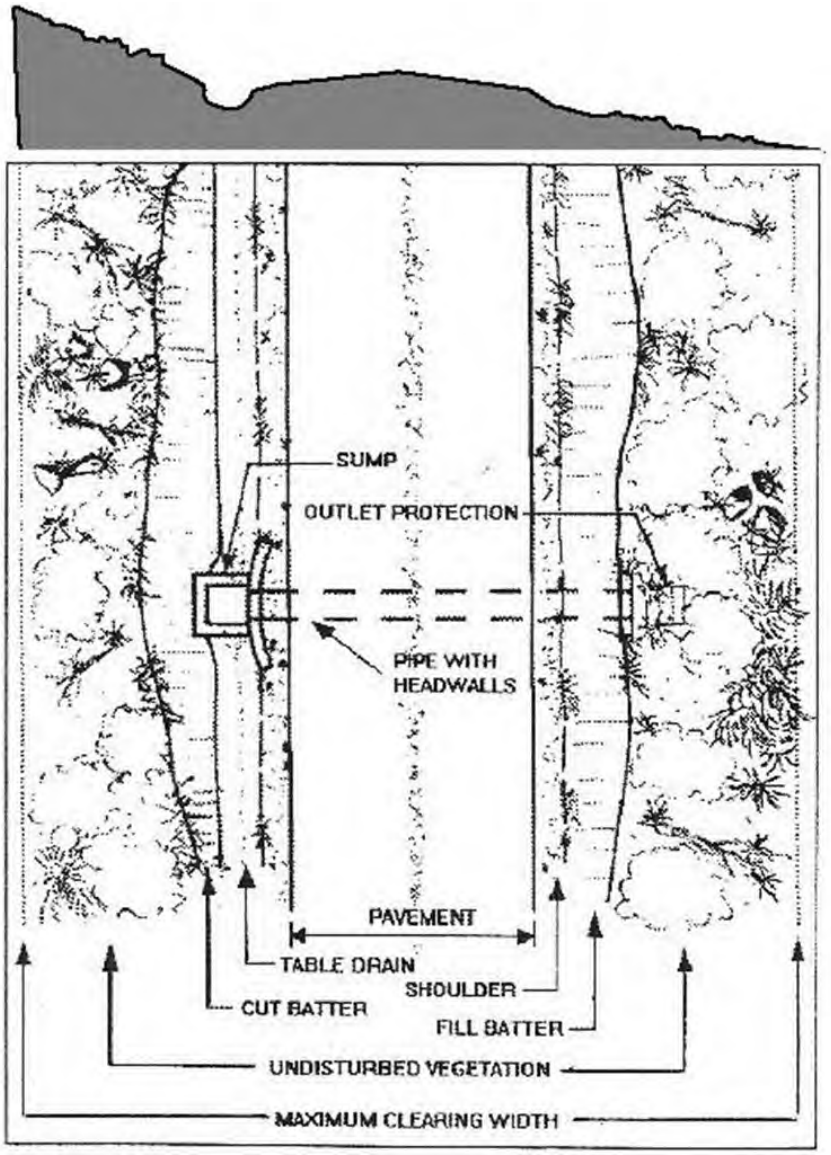


Figure H-1 – *Access* Track Infrastructure – Drainage Details

Specification for Land Management Construction

12.1.1 Crowned Surface Formation

(a) This is a formation of raised earth / soil constructed on the centre line of the *Access* track alignment, graded, and sloping back toward the base of the drainage structures on each side of the *Access* track *Pavement*.

(b) Soil recovered from the drainage structure construction provides material for the *Pavement* crown of the *Access* track.

(c) Figure H2 below, details a crowned surface formation and is a cross-section of the *Access* track *Pavement*, drainage, and the surrounding land surface.

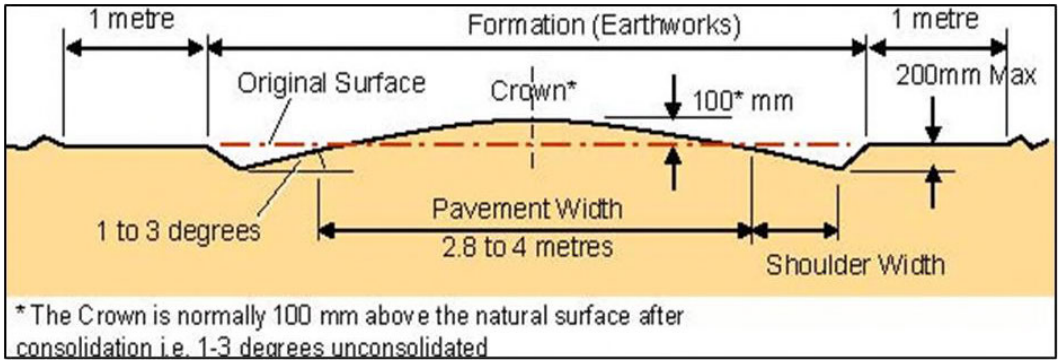


Figure H-2 – *Access* Track Infrastructure – Drainage Details

(d) The crowned surface formation of the *Access* track *Pavement*:

Is suitable for *Access* track construction where water can be shed from both sides of the *Pavement* formation.

Alternatively, utilised in conjunction with appropriate cross track drainage techniques and protection systems.

12.1.2 Side Cut Construction

(a) This construction refers to cutting through the natural topography with *Battered* banks down to table drains and *Access* track *Pavement* formation.

(b) Where side cutting construction is necessary, construction is to comply with and is not limited to the following subsections.

12.1.2.1 Crowned Side Cut Formation

(a) This design is similar to the crowned surface formation, and additionally includes a side cut to one side of the *Access* track *Pavement* and without a drainage structure on the opposite side of the *Pavement*. The excavation to form this drain provides all material for the formation as detailed in Figure H3 below.

(b) Crowned side cut formations are to be utilised for smaller lengths of side cut where the water can be shed from the confined water table further down the *Access* track, for example at a ridge top saddle.

(c) Crowned side cut formations are to be utilised (in limited situations) for longer runs down the *Access* track, if constructed in conjunction with approved cross track drainage techniques.

Specification for Land Management Construction

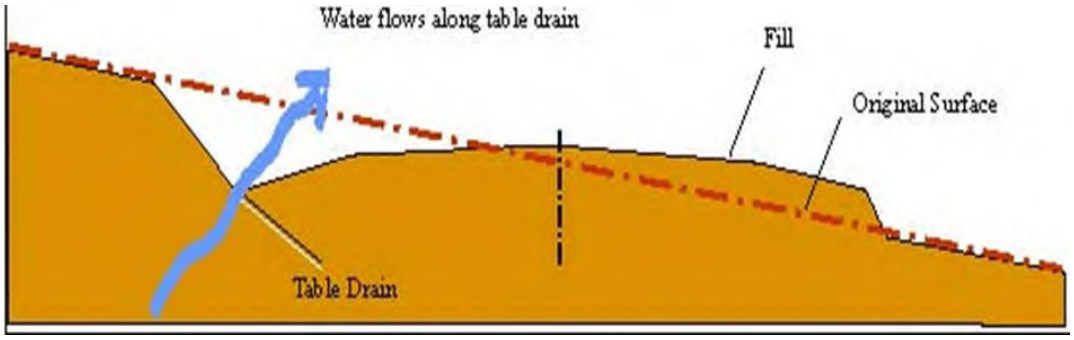


Figure H-3 – *Access* Track Infrastructure – Crowned Side Cut Formation Details

12.1.2.2 Out Slope Formation

(a) The out *Slope* (or one-way cross fall) design is utilised when construction *Access* is on a side *Slope* and the intention is for surface water to continue to flow across the *Access* track *Pavement* surface from the uphill side.

(b) Water is not captured in any drainage structure and will not follow the path of the track as detailed in Figure H4 below.

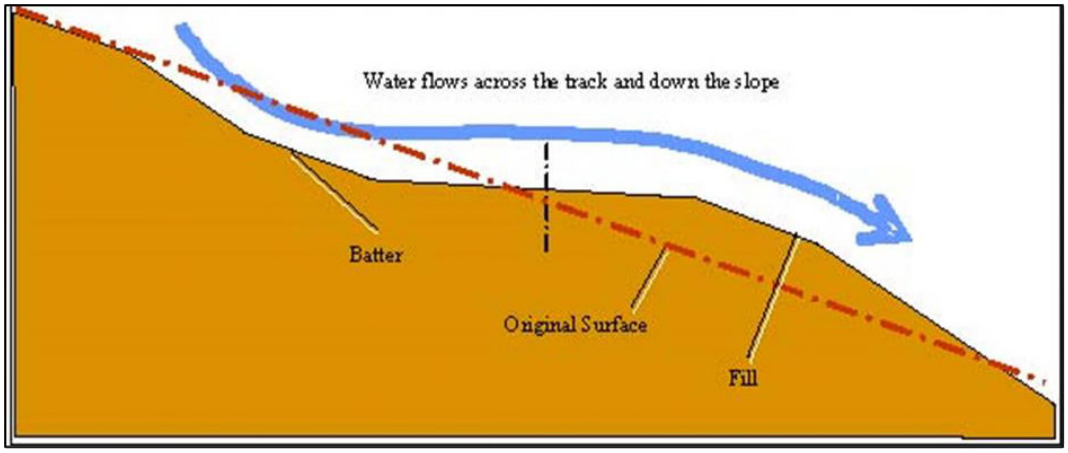


Figure H-4 – *Access* Track Infrastructure – Out *Slope* Formation Details

(c) Out *Slope* formations are suitable for longer lengths of side cut where water cannot be shed via cross *Access* track drainage.

(d) Utilise this design profile in the absence of cross drainage techniques, for example a pipe or *Whoa-boy*.

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12.1.2.3 Side Cutting Formation Design

The general requirements for the side cutting formation design are detailed in Figure – H5 below

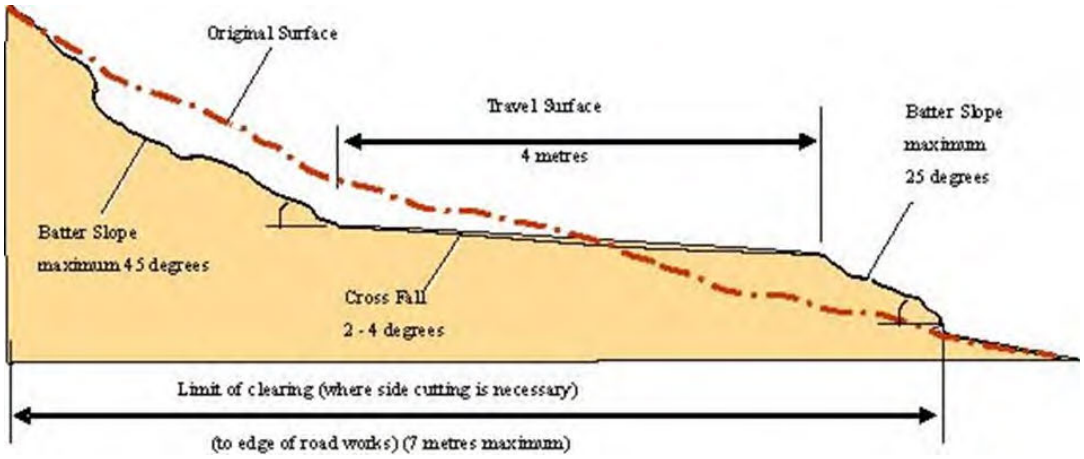


Figure H-5 – *Access* Track Infrastructure – Side Cutting Formation Details

12.1.3 Installation of Catch Drains

(a) Catch drains are used to intercept and divert up-*Slope* runoff water, away from *Disrupted Surface* areas with exposure of bare earth to a *Stable Outlet Area*. Placed catch drains up-*Slope* of where water can pass onto the *Worksite* (for example at the top of a *Batter* / *Slope*). Install catch drains in conjunction with fibre matting in locations where rainfall is high and where *Batters / Slopes* are steep.

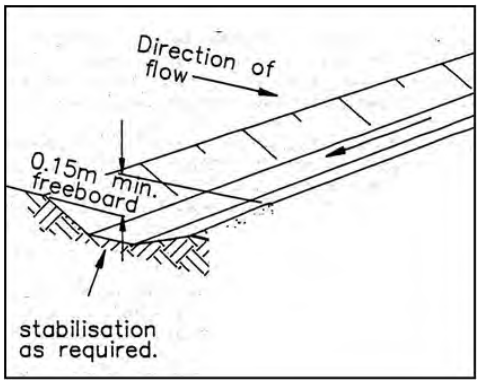


Figure H-6 – Catch Drain Installation Detail

(b) Determine the location of the catch drain(s) at the Worksite by taking into consideration the following conditions:

(i) The locations of down-*Slope* sediment-trapping devices (for example *sediment* fences). The catch drain is to drain to a protected outlet area where the *Surface Run-Off* water is expected to contain *sediment*. Catch drains are to divert "clean" water (water from undisrupted surface areas with no exposure of bare earth) around these devices.

(ii) The drain is to *Slope* down with a maximum grade of 2% (so that it is not too steep).

(iii) Other natural drains and *Slope*s of the *Access* track *Pavement* / footprint.

(c) Clear a footprint for the drain, by clearing only the area needed to provide *Access* for personnel and equipment for the drain's construction / installation. Do not clear or disrupt (expose bare earth) the surface area above the drain and ensure down-*Slope* sediment-trapping devices are in place (where required).

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(d) Remove roots, stumps, and other debris, and dispose of them in accordance with controlling *Authority* requirements for transport, disposal and negotiated *Landholder* acceptance.

(e) Grade the drain with:

(i) The sides of the drain not being steeper than 30°.

(ii) The completed drain is to be at least 150mm deep, measured from the bottom of the drain to the ground surface level.

(iii) Ensure positive drainage in the specified direction, check *Slope* on the bottom of the drain to confirm.

(iv) The drain is to be immediately vegetated unless it will operate for less than 30 days. In either case, temporary *Erosion* protection (e.g., matting, rock) is required as specified by the *Construction Plan* or as directed by the *Energy Queensland Officer*.

(f) Check that the end of the catch drain has a stable / protected outlet and does not discharge to an unstable *Slope*. Where a *Stable Outlet Area* does not exist, construct / install a *Drop Pipe*.

12.1.4 Installation of Table Drains

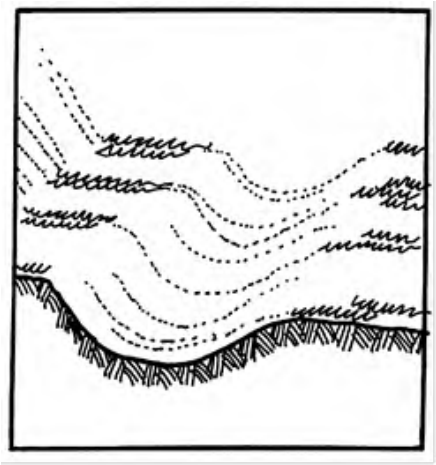


Figure H-7 – Table Drain Installation Detail No 1

(a) Table drains are used to carry *Surface Run-Off* water along the sides of *Access* track *Pavement*s. Table drains are often installed in conjunction with *Whoa-boys*.

(b) Clear a footprint for the table drain, by clearing only the area needed to provide *Access* for Operators and equipment for the table drain construction / installation.

(c) The table drain(s) is to have a broad base to minimise *Erosion* and to be 'U' shaped and not 'V' shaped (Refer to Figure H-7 to Figure H-9 inclusive to see illustration);

(d) Remove roots, stumps and other debris and dispose of them in accordance controlling Authority requirements for transport and disposal and negotiated *Landholder* acceptance.

(e) In high rainfall or heavy intensity rainfall areas (where the velocity of *Rainfall Run-Off* is very high), table drains at the *Toe of Batter / Slope* require *Stabilisation*. Install *Stabilisation* by lining the table drain with turf, rock, or matting.

Specification for Land Management Construction

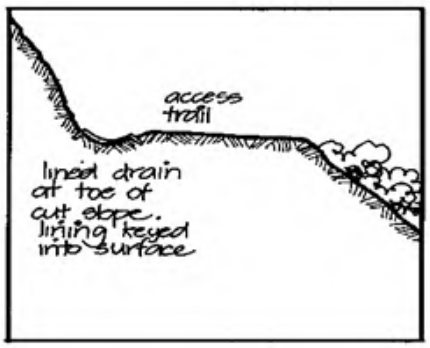


Figure H-8 – Table Drain Installation Detail No 2

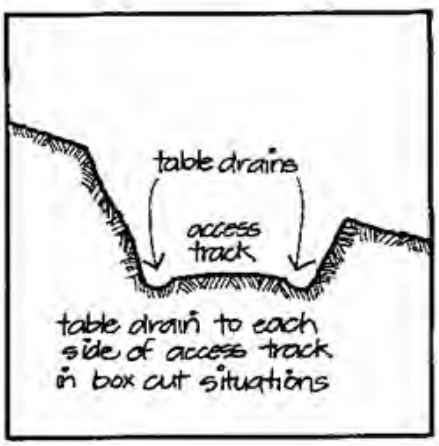


Figure H-9 – Table Drain Installation Detail No 3

12.1.5 Installation of Turn-Out Drains

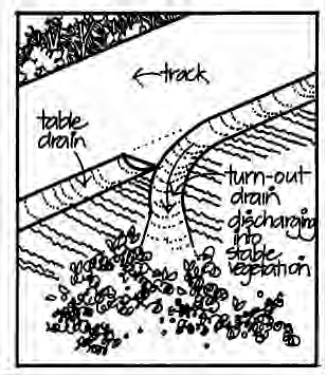


Figure H-10 – Turn-Out Drain Installation Detail

(a) Turn-out drains are used to carry water from table drains to *Stable Outlet Areas*. Turn-out drains are often installed in conjunction with *Whoa-boys*.

(b) Determine the location of turn-out drain(s) at the *Worksite* by taking into consideration the following conditions:

(i) The locations of *Whoa-boys*. The turn-out drains are to carry *Surface Run-Off* water safely from the side of the *Access* track *Pavement* and into a vegetated area.

(ii) The steepness of the *Access* track *Pavement*. Usually turn-out drains follow a similar spacing to the *Whoa-boys*.

(c) Clear a footprint for the turn-out drain, by clearing only the area needed to provide *Access* for *Operators* and equipment for the turn-out drain installation.

(d) Remove roots, stumps and other debris and dispose of them in accordance with controlling *Authority* requirements for transport and disposal and negotiated *Landholder* acceptance.

(e) Check that the end of the turn-out drain has a stable / protected outlet (preferably into stable *Vegetation*) and does not discharge to an unstable *Slope*. Where a *Stable Outlet Area* does not exist, construct / install a *Drop Pipe*.

(f) Vary the spacing for the turn-out drain installation to allow turn-out drain to connect up to contour banks in cultivated land areas.

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12.2 Maintenance of Drainage Control

(a) Check if, for example and not limited to, equipment and falling *Vegetation* / trees have damaged the drainage system(s). If the drainage is damaged, advise the *Energy Queensland Officer* and undertake repairs as directed.

(c) Also check that soil and / or other material has not blocked the drainage system(s). If the drainage is blocked, remove the material(s) to allow clear drainage (water flow).

(d) Undertake a detailed inspection of the drainage system(s).

(e) If sediment has accumulated in the drainage system(s), remove the sediment so that the drainage (water flow) capacity is not reduced and investigate the source of the sediment and for potential *Erosion*.

(f) Do not dispose of the sediment in a manner that will create an *Erosion* hazard or a contamination hazard.

(g) Repair any sections in the drainage system(s) that are weakened or that have been subjected to damage from vehicular traffic and that threaten to cause failure of the drainage.

(h) Check for *Erosion* and undermining of control devices, soil surfaces and Slopes of *Access* track *Pavement*; determine if further controls are required to be installed during this maintenance phase and advise the *Energy Queensland Officer* accordingly.

(i) If possible, avoid grading of table drains as this will remove any grass in the drain and cause *Erosion*. *Erosion* results in the drain becoming too low to discharge into the turn-out drain. Runoff (water flow) then bypasses the turn-out drain causing additional *Erosion* as the runoff (water flow) continues down the table drain.

(j) Maintain turn-out drains by grading from the turn-out drain outlet towards the table drain. If there is a sill at the outlet that has collected sediment, use the sediment to maintain the bank and ensure the turn-out drain connects up with the table drain.

12.3 Removal of Drainage Controls

Where removal of existing drainage controls is required (for example on *Sites* that are already stable):

(a) Remove accumulated *sediment* and dispose of the *sediment* in accordance with local controlling *Authority* regulations for transport, disposal, and negotiated *Landholder* acceptance.

(b) Grade the ground surface area and level out (smooth) the ground surface, in preparation for land *stabilisation* and rehabilitation material, if the area has not already been *Stabilised* and rehabilitated.

(c) *Stabilise* and rehabilitate the ground surface area with suitable *stabilisation* / rehabilitation material (for example, lay turfs, mulch) as specified by the *Construction Plan/Drawing* or as directed by the *Energy Queensland Officer*.

12.4 Erosion Control Methods

12.4.1 Whoa-Boys

12.4.1.1 Installation of Whoa-Boys

(a) *Whoa-boys* are low profile, angled, trafficable earth banks across the *Access* track *Pavement*, refer to Figure H-11. *Whoa-boys* intercept runoff (water flow) flowing down an *Access* track *Pavement*, divert the flow of water off the *Access* track *Pavement* into a table drain or protected outlet, and allow it to continue its natural flow direction down the landscape.

(b) The construction of *Whoa-boys* is dependent on the *Slope* in the road and the amount of runoff (water flow) they have to divert.

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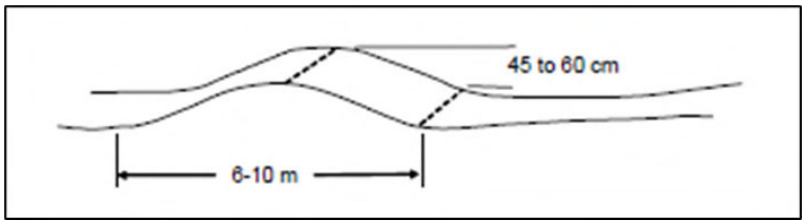


Figure H-11 – Cross-Section of Whoa-Boy in *Access* Track Pavement

(c) Determine the location of *Whoa-boys* at the *Worksite* by taking into consideration the following conditions:

(i) The locations of table drains and turn-out drains, where they are present. The *Whoa-boy* is to drain into a table drain and / or a protected outlet area, where the *Surface Run-Off* water is expected to contain *sediment*.

(ii) The locations with a *Stable Outlet Area*, for example a grassed or stony area.

(iii) The ground surface soil types as some are more susceptible to *Erosion* than others.

(iv) The steepness of the *Access* track *Pavement* – refer to the Table H-1 and Table H-2 below for *Whoa-boys* spacing guide on infrequently used *Access* track *Pavements*.

(v) The direction of overland flow (water flow) adjacent to the *Access* track *Pavement*. (In flatter landscapes determine the best side of the *Access* track *Pavements* to divert water runoff.)

(vi) The directing of runoff (water flow) in a direction that will not interfere with the lower sections of the *Access* track *Pavements*, for example, refer to Figure H-12 *Whoa-boys* at locations A and B. Unsatisfactory *Whoa-boy* design / location are where runoff from the *Whoa-boy* will flow back towards the *Access* track *Pavements* and cause *Erosion*.

(vii) Where *Access* track *Pavements* are situated on ridges or directly up and down the *Slope Site*, runoff (water flow) can be diverted to either side of the *Access* track *Pavements*, for example, refer to Figure H-12 *Whoa-boys* at locations C and D.

(viii) *Access* track *Pavement* is to be aligned so *Whoa-boys* are constructed / installed at right angles to the *Access* track *Pavement* centre line, for example, refer to Figure H-12, *Access* track *Pavement* at locations A has been re-aligned so the *Whoa-boy* crosses it at right angles.

(ix) Likely excessive gradient occurring, where *Whoa-boy* more difficult to construct / install across the *Access* track *Pavement* at right angles, for example, refer to Figure H-12 *Whoa-boy* at location B.

(x) Where there is a significant change in the *Slope* of the *Access* track *Pavement*, the location of *Whoa-boys* is at the top and bottom edge of the *Slope*.

(xi) On the approach to a drainage line or *Watercourse* crossing (*Minor Creek Crossing*), the location of a *Whoa-boy* is at top of the approach into a drainage line or *Watercourse* crossing.

(xii) Alignment of *Whoa-boys* with contour banks in cultivated land or where they can discharge into farm / grazing land area dams. (Ensure that the top of *Whoa-boy* in an existing *Access* track *Pavement* is placed just above any rills occurring in the *Access* track *Pavement*. If the *Erosion* appears to be active, it may be necessary to start even further up the *Slope*.)

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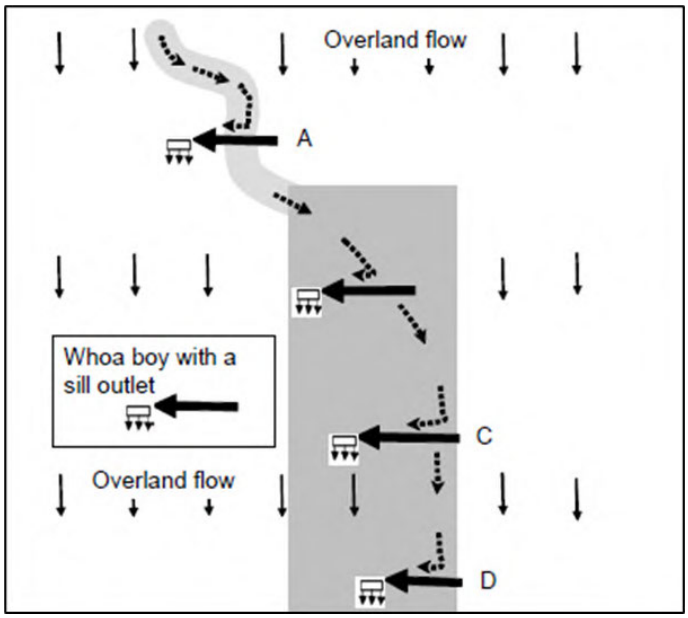


Figure H-12 – Whoa-Boys - Allow Overland Flows - Cross *Access* Track *Pavement*

12.4.1.2 Spacing of Whoa-Boys

(a) Decreasing the spacing between *Whoa-boys* installed on *Access* track *Pavement* ensures the runoff (water flow) issues are reduced and minimised.

(b) There are no strict rules to determine *Whoa-boy* spacing on *Access* track *Pavement* and other important considerations [subsection 12.4.1.1(b)] are to be actively considered when determining the spacing of *Whoa-boy* installations.

(c) Installation guidelines for the spacing of *Whoa-boys* in use on *Access* track *Pavement*, in relation to the *Slope* of the *Pavement* refer to Table H-1.

(d) Installation guidelines for the spacing of *Whoa-boys* in use on *Access* track *Pavement*, in relation to the grade of drainage and level of the hazard in the vicinity of the *Pavement* refer to Table H-2.

Table H1 – Whoa-Boy Spacing – Grade of Slope – Guideline

Grade of Land Slope %	VI (m)	HI (m)	Grade of Land Slope %	VI (m)	HI (m)
1	1.0	100	11	3.0	30
2	1.2	60	12	3.0	25
3	1.4	50	13	3.0	23
4	1.8	45	14	3.0	20
5	2.0	40	15	3.0	20
6	2.2	40	16	3.2	20
7	2.4	35	17	3.4	20
8	2.6	35	18	3.6	20
9	2.8	30	19	3.8	20
10	3.0	30	20	4.0	20

Legend:

VI = Vertical interval.

HI = Horizontal interval.

Table H-2 – Whoa-Boy Spacing – Grade of Drainage – Level of Hazard – Guideline

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Grade of Drainage	Moderate Hazard	High Hazard
< 5°	60m	30m
5 - 15°	40m	20m
15 - 25°	20m	10m
>25°	10m	10m

12.4.1.3 Whoa-Boy Specification - Slopes Less Than Ten Percent

(a) *Whoa-boys* may be required on *Slope*s with fall as low as one per cent (fall of one metre in 100 metre) which can be sufficient to create an *Erosion* problem.

(b) The capacity of the channel behind a *Whoa-boy* decreases dramatically as the *Slope* increases. Where there is minimal overland flow, construct *Whoa-boys* with a height of 450 mm.

(c) *Whoa-boys* constructed with a height of 600 mm height provides:

(i) Greater safety on *Slope*s above two percent grade.

(ii) Have a longer maintenance interval.

(iii) Settlement will occur depending on the method of construction.

(d) For the cross-sectional capacity of *Whoa-boys* constructed to a height of 450 mm and 600 mm, assuming that there is no cut and fill, refer to Table H-3.

Table H-3 – Whoa-Boys Cross-Sectional Capacity

Land Slope as a Percentage (%)	Height of the Whoa-Boy Above the Channel	
	45cm	60cm
	Cross-sectional area (m^2) of the channel (assuming no cut and fill)	
1	10.7	18.8
2	5.6	9.8
5	2.6	4.4
10	1.6	2.6

(e) Construct broad *Batters* to improve traffic flow over the *Access* track *Pavement*, of between 1:4 and 1:8 depending on the type of vehicle using the *Access* track and the *Slope* of the land, refer to Figure H-13 for details (assuming that there is no cut and fill).

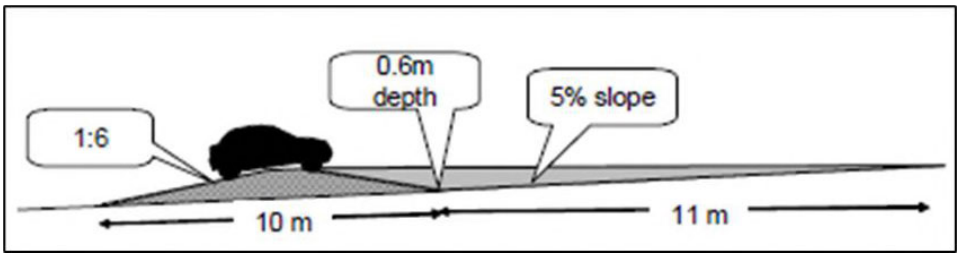


Figure H-13 – Whoa-Boys – Cross-Section – Five Percent *Slope*

12.4.1.4 Whoa-Boy Specification - *Slope*s Greater Than Ten Percent

(a) As the *Access* track *Pavement Slope* increases, for *Whoa-boy* construction, it is more difficult to provide:

(i) Sufficient cross-sectional capacity.

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(ii) Trafficable *Batters* (as high clearance vehicles have difficulty negotiating *Whoa-boys* on *Access* track *Pavement Slope*s steeper than twenty per cent).

(b) For the cross-sectional capacity of *Whoa-boys* constructed to a height of 450 mm and 600 mm, and constructed with and without cut and fill, refer to Table H-4.

Table H-4 – Whoa-Boys Cross-Sectional Capacity

Land Slope as a Percentage (%)	Cross-section Area (m^2) of the Channel			
	Without Cut and Fill		With Cut and Fill	
	45cm	60cm	45cm	60cm
10	1.6	2.6	3.9	5.5
15	1.2	2.0	3.7	5.1
20	1.1	1.7	3.6	4.9

(c) *Whoa-boy* construction on steep *Slope*s can either be:

(i) Cut and fill technique (refer to Figure H-14), for example constructing a 600 mm high *Whoa-boy* on a twenty per cent *Slope* using cut and fill:

- Requires considerable earthmoving with up to 900 mm of soil needing to be excavated to form up the *Slope Batter* leading into the channel.
- *Batter* is very susceptible to *Erosion*.
- The total distance required to construct a *Whoa-boy* is around 20 metres.

(ii) Importing additional road building material for fill (refer to Figure H-15).

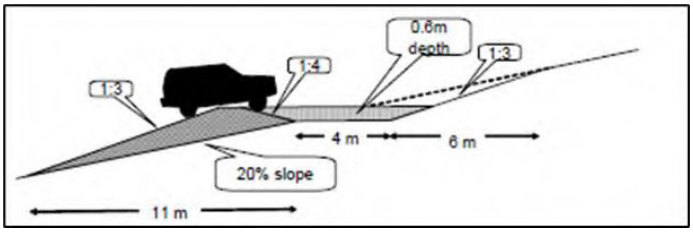


Figure H-14 – Whoa-Boys – Twenty Percent Slope – Cut and Fill – Cross-Section

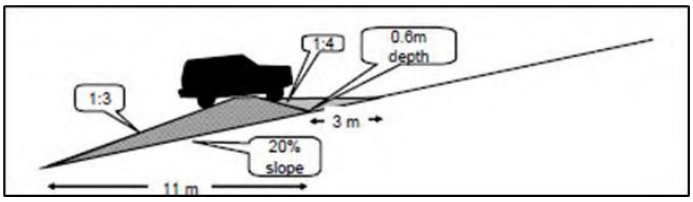


Figure H-15 – Whoa-Boys – Twenty Percent Slope – Importing Road Building Material – Cross-Section

(d) On a steep *Slope* where *Access* track *Pavement* is to have an outfall type of cross-section (outfall drainage removes runoff from the *Access* track *Pavement*) [refer to Figure H-16], and construct the *Whoa-boy* height to 450 mm with:

(i) Stormwater running off the *Access* track *Pavement* rather than down it.

(ii) Smaller *Whoa-boy* adequate to deal with any runoff that flows down wheel ruts in the *Access* track *Pavement*.

(iii) *Whoa-boy* much easier to construct and easier for vehicles to traverse over.

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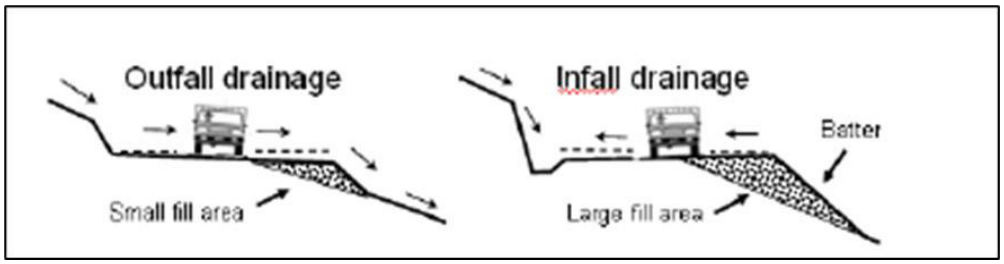


Figure H-16 – Outfall Drainage and In Fall Drainage – Steep *Slope* – Cross-Section

12.4.1.5 Whoa-Boy Specification - Gradients

(a) Construct a 100 to 250 mm fall in a *Whoa-boy* from one side of the *Access* track *Pavement* to the other.

(b) Runoff from *Whoa-boys* is to flow into a grassed flat-bottomed drain with a *Stable Outlet Area*, for example a grassed or rock protected surface area. (Flat bottomed drains are preferable construction to V-shaped drains, which are very susceptible to *Erosion*)

(c) Flat bottomed drains are easier to install and maintain and there is less chance of exposing erodible subsoils.

(d) Flat bottomed, grass lined drains are to have gradients from 0.2 percent on lower *Slope*s to 2 percent on steeper *Slope*s.

(e) If the channel is considered to be at risk of eroding, then the construction of 0.2 percent gradients are recommended.

12.4.1.6 Whoa-Boy Construction

(a) For construction on *Slope*s up to ten percent, move the soil for the *Whoa-boy* construction from either the top side or the bottom side of the mound.

(b) For construction on *Slope*s above ten percent, construct the mound from the top side using cut and fill from the *Site* or road building material (for example soil or gravel) imported to the *Site*.

(c) Take care not to expose dispersible subsoils. This can be avoided by importing road building material (for example soil or gravel) using a scraper.

(d) Rip the *Pavement* soil on which the mound is to be constructed before the mound is constructed, this is to ensure that the soil in the constructed mound binds with the *Pavement* sub soil below the mound.

(e) An alternative source of soil or gravel to build the mound for a *Whoa-boy* is a sill located at the *Whoa-boy* outlet.

(f) A sill is an excavation at the end of a structure which has a level outlet that allows for the spread of runoff from the structure. The average length of a sill is usually 10 metre and 6-9 metre in width. The depth of a sill is usually 200 to 300 mm. The sill outlet is to be surveyed to ensure it is level.

(g) For the construction of *Whoa-boys* at the *Worksite*:

(i) Cut a channel in the *Access* track *Pavement* on a slightly diagonal angle (to the forward direction of the *Access* track) and push that soil or gravel forward (down-hill) to form a mound of earth (for approximate dimensions refer to Figure H-17 - *Whoa-boys* Installation Detail, these dimensions may change depending on the *Slope* of the *Access* track *Pavement*, soil type and rainfall for the surrounding catchment).

(ii) Remove roots, stumps and other debris and dispose of them in accordance with controlling Authority requirements for transport and disposal and negotiated *Landholder* acceptance.

(iii) Grade the channel at a 2% fall to *Access* track *Pavement* edge and into a table drain or *Stabilised* outlet. The completed channel will be 150mm deep, measured from the bottom of the cut channel to the ground surface level.

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(iv) Check the bottom of the channel (up-hill side of the mound) to ensure positive drainage in the desired direction (for example towards the edge of the *Access* track *Pavement* and into the table drain, if previously constructed and available).

(v) Check that the end of the *Whoa-boy* has a stable / protected outlet (for example thick *Vegetation*) or discharges to a table drain. On steep *Access* track *Pavement*s turn-out drains (out of table drains) may be required, to ensure the controlled movement of *Surface Run-Off* water.

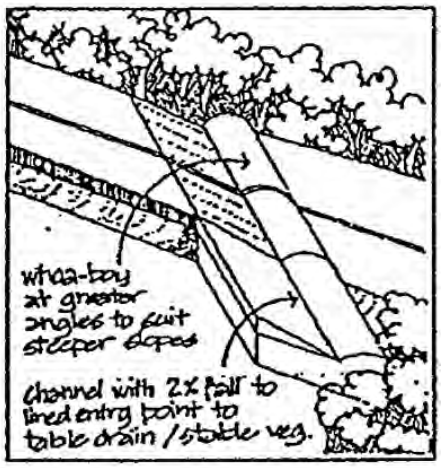


Figure H-17 – Whoa-boy Installation Detail

12.4.1.7 Maintenance of Whoa-Boys

(a) Inspect *Whoa-boys* for damage after a significant rain and / or *Surface Run-Off* events.

(b) Correct all damage to *Whoa-boys* immediately, by reinstating the earth bank and channel. If significant *Erosion* has occured between *Whoa-boys*, check the spacing and install extra *Whoa-boys* as required after advising the *Energy Queensland Officer* and obtaining approval to proceed.

(c) Ensure that the drainage structures, for example table drains and turn-out drains, are not subject to damage or blockage from *sediment* washed from the *Whoa-boys*.

(d) Remove *sediment* that has accumulated behind and / or at the outlet of the *Whoa-boys* to prevent damage to the drain's *Vegetation*.

(e) Place the *sediment* in an authorised disposal area, or if appropriate, mix the *sediment* with dry soil on the *Site*.

(f) Do not dispose of the *sediment* in a manner that will create an *Erosion* hazard or a contamination hazard.

12.4.1.8 Removal of Whoa-Boys

Where removal of existing *Whoa-boys* are required (for example on *Sites* that are already stable):

(a) Remove accumulated *sediment* and dispose of the *sediment* in accordance with local controlling *Authority* regulations for transport, disposal and negotiated *Landholder* acceptance.

(b) Grade the ground surface area and level out (smooth) the ground surface out in preparation for land *stabilisation* and rehabilitation material if the area has not already been *Stabilised* and rehabilitated.

(c) *Stabilise* and rehabilitate the ground surface area with suitable *stabilisation* / rehabilitation material (for example lay turfs, mulch) as specified by the *Construction Plan* or as directed by the *Energy Queensland Officer*.

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12.4.2 Fibre Matting

12.4.2.1 Installation of Fibre Matting

(a) Determine whether or not the location is appropriate for the use of fibre matting taking into consideration the following conditions:

(i) The steepness of the *Batter* / *Slope* to which the matting is to be placed. (Note that if the *Slope* is too steep and a catch drain has not been installed at the top of the *Slope* to carry water away from the *Slope Face*, the matting will fail)

(ii) Install a catch drain at the top of the *Batter* / *Slope* to prevent water from running down the *Slope Face* and undermining the matting.

(iii) The *Slope* requires a fairly even surface for the matting to sit over so the matting can be pegged in with close contact to the ground. (The surface of the *Slope Face* may need to be raked level before the matting is placed on the surface of the *Slope Face*)

(iv) Trench in (bury under a layer of soil) the top of the matting (at the top of the *Slope Face*) to avoid the matting from coming loose and away from the surface of the *Slope Face*.

(b) Direct *Surface Run-Off* water away from the *Slope* surface by installing a catch drain along the top of *Slope*.

(c) Rake the soil surface of the *Slope* smooth and level; remove roots, stumps and other debris and dispose of them in accordance with controlling *Authority* requirements for transport and disposal and negotiated *Landholder* acceptance.

(d) Trench in the top of the matting under the soil surface (excavate the soil, dig a small trench) and bury the matting with the excavated soil over the matting.

(e) Peg the matting on with heavy-duty pegs and ensure the matting is securely fastened over the entire soil surface of the *Slope* with total cover.

(f) When utilising matting to develop a *Vegetation* cover over the soil surface of the *Slope*:

(i) Select suitable *Vegetation* species for the area and soil type of the *Slope*.

(ii) Regularly water the surface to encourage growth until the *Vegetation* cover is established.

12.4.2.2 Maintenance of Fibre Matting

For the regular maintenance of fibre matting:

(a) Inspect the fibre matting, particularly after sever weather event (e.g., heavy rain and / or strong winds).

(b) Repair damaged sections of fibre matting; re-secure fibre matting to the ground surface with pegs and place new fibre matting over exposed areas of the *Slope's* ground surface if required.

(c) Check that the soil surface of the *Slope* underneath the fibre matting has not eroded; if the soil surface has eroded, reinstate ground surface soil (backfilling and compacting soil surface of the *Slope* smooth and level) and restore the fibre matting as required.

(d) Where applicable, check the vegetative regrowth, and restore fibre matting and / or re-seed un-vegetated ground surface of the *Slope* surface where necessary.

12.4.2.3 Removal of Fibre Matting

(a) Fibre matting may be removed where the *Vegetation* cover is established and adequate to provide the required surface protection against *Erosion* or when an area is no longer *Energy Queensland*'s responsibility for *Erosion* control (if deemed appropriate).

(b) Where the fibre matting removal is required:

(i) Carefully remove the matting cover from the *Slope* surface, ensuring minimal damage to the *Vegetation* cover from regrowth and edges of the original fibre matting area of cover.

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(ii) Dispose of recovered fibre matting at local landfill / tip in accordance with the local Authority regulations.

(iii) *Stabilise* and rehabilitate any ground surface area *Disrupted* from the removal of fibre matting, as required or as directed by the *Energy Queensland Officer*.

12.5 Sediment Control Methods

During the construction of new or the maintenance of existing *sediment* control infrastructure, when modification to existing, or construction of new *sediment* control infrastructure is under active consideration, the *Service Provider* is to consider alternative *sediment* control measures that may be more practical and / or effective for construction and maintenance, including and not limited to:

(a) Sediment Fences (catchment area is 0.6 hectare maximum, *Slope* ratio [height to length] is 1:2 maximum, is not to be used where *Surface Run-Off* concentrates).

(b) Check Dams ([for example, rock, concrete, gabions] – catchment areas are 4 hectares maximum, spillway 0.15 metre below sides, outlet protected downstream).

(c) Dry *sediment* basins, wet *sediment* basins and artificial wetlands.

(d) Coarse rock sediment traps.

(e) Mulch, vegetative debris, or rock bunding

(f) Native *Vegetation* buffer zones.

(g) Gravel / coarse rock inlet filters.

12.6 Sediment Control Methods

12.6.1 Installation of Sediment Fences

12.6.1.1 Materials Required for the Installation of Sediment Fences

(a) Synthetic filter fabric or a pervious sheet of polypropylene, nylon, polyester, or polythene yarn. The fabric is to be ultra-violet ray inhibited or *stabilised* to provide a minimum life of not less than 6 months in the direct exposure to sun light.

(b) Stakes, either 50mm hardwood or steel star pickets suitable for attaching the synthetic filter fabric.

(c) Synthetic filter fabric reinforcement consisting of wire or steel mesh, minimum 14 gauge with a minimum mesh spacing of 150mm separation.

12.6.1.2 Installation of Sediment Fences

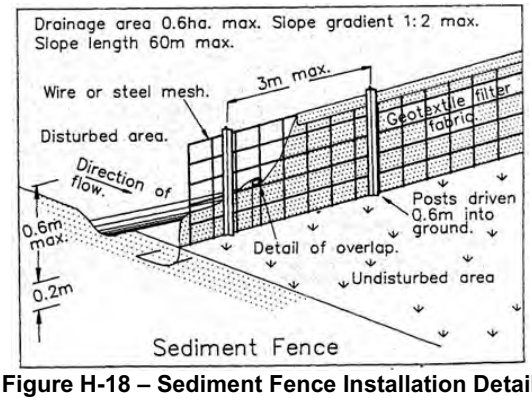


Figure H-18 – Sediment Fence Installation Detail

For the installation of *sediment* fences:

(a) Excavate a 200mm x 200mm trench along the proposed *sediment* fence line, placing the excavated material on the higher-*Slope* side.

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(b) Along the lower side of the trench, install the stakes 500mm to 700mm into the undisrupted ground. Space the stakes no greater than:

(i) 3 metres apart if synthetic filter fabric supported with mesh.

(ii) 2 metres apart if synthetic filter fabric without the support of mesh.

(iii) 0.5 metres apart in areas of minor concentrated sediment flow.

(c) Construct the *sediment* fence from a continuous roll of synthetic filter fabric avoiding joins wherever possible. To join fabric, attach each end of the synthetic filter fabric to individual stakes, holding the stakes firmly together, rotate the stakes 180 degrees around each other, and then drive the two stakes into the ground.

(d) Securely attach the necessary support mesh to the high-*Slope* side of the stakes with the mesh extending at least 200mm into the excavated trench.

(e) Securely attach the synthetic filter fabric to the mesh and stakes (attachments at a maximum of 300mm centres) with the synthetic filter fabric extended at least 200mm into the excavated trench. The complete *sediment* fence should be at least 450mm high, and not more than 700mm high above the ground surface level.

(f) Backfill the trench and compact the fill by tamping to firmly anchor the bottom of the fabric and wire mesh to prevent water from flowing under the *sediment* fence.

12.6.1.3 Maintenance of Sediment Fences

For the installation of *sediment* fences:

(a) Check if, for example and not limited to, equipment and falling *Vegetation* / trees have damaged the *sediment* fence(s). If the *sediment* fence(s) are damaged, immediately repair the damange, advise the *Energy Queensland Officer* and undertake additional repairs as directed.

(b) Check that the adjacent fill material has not accumulated against the *sediment* fence. If the fill material has, remove the fill material, repair the *sediment* fence, and move the *sediment* fence or fill material so that the accumulation does not reoccur.

(c) Clean out the accumulated *sediment* when it reaches a depth of one-half of the height of the synthetic filter fabric above the ground surface.

(d) Place the *sediment* in an approved disposal area or if appropriate, mix the *sediment* with dry soil on the *Worksite*. Do not dispose of *sediment* in a manner that will create an *Erosion* hazard. Do not erect a new *sediment* fence on top of accumulated *sediment* behind the existing *sediment* fence.

(e) If *sediment* fence outlets are used, remove and replace the gravel filter with clean, washed gravel when the filter becomes clogged. Dispose of any contaminated gravel in accordance with controlling *Authority* requirements for transport, disposal, and negotiated *Landholder* acceptance.

(f) Repair any breaks in or deteriorated (rotten) sections of the synthetic filter fabric.

(g) If the *sediment* fence synthetic filter fabric is sagging between stakes, install additional stakes in the impacted section of the *sediment* fence.

(h) When making repairs to a *sediment* fence, always restore the *sediment* fence to its original constructed configuration.

12.6.1.4 Removal of Sediment Fences

(a) When the *Disrupted Surface* areas up-*Slope* of the *sediment* fence are sufficiently *Stabilised* to restrain *Erosion*, the *sediment* fence and any outlets may be removed.

(b) Where areas have *Stabilised* including the *sediment* build up at the *sediment* fence, there may be more value in leaving the *sediment* fence where it is. Removing the *sediment* fence at this stage will usually lead to the area becoming susceptible to *Erosion* again.

(c) Where removal of the *sediment* fence is considered necessary:

(i) Remove accumulated *sediment* and dispose of the *sediment* in accordance with controlling *Authority* requirements for transport, disposal, and negotiated *Landholder* acceptance.

(ii) Remove stakes, *sediment* fence and synthetic filter fabric, and reuse / recycle materials or dispose of the materials at a local *Authority* landfill tip.

(iii) Remove any rocks and gravel and dispose of any rocks and gravel in accordance with controlling Authority requirements for transport, disposal, and negotiated *Landholder* acceptance.

(iv) *Stabilise* and rehabilitate the area where the *sediment* fence was located.

12.7 Gabion Basket Walls

12.7.1 Gabion Baskets / Walls - General

(a) All construction methods and materials used are to be in accordance with below subsection and attached *Drawings* (specification) of this Section 12:

(i) Figure H-20 – *Access* Track Infrastructure – Land *Stabilisation* – ≤1 metre Gabion Rock Wall Mattress Details.

(ii) Figure H-21 – *Access* Track Infrastructure – Land *Stabilisation* – >1 metre Gabion Rock Wall Mattress Details.

(b) There may be a point where specialised geotechnical consultancy advice is required if there is any doubt about landslide hazards or specialist knowledge is required for assessing the stability of soils. If the *Service Providers* are not sure about the risks associated with a particular feature, for example landslip, request assistance (inspection and assessment) from a suitably qualified and *Competent Person* who is to provide detailed construction design for the *Site*.

12.7.2 Minimum Material Specification

(a) Gabions:

(i) Double twisted, hexagonal wire mesh gabions of nominal 80x100 mesh, with 3.4mm o/d frame wire and 2.7mm mesh wire, complete with diaphragms at 1 metre centres.

(b) Reno Mattresses:

(i) Manufactured from double twisted, hexagonal wire mesh of nominal 60x80 mesh, with 2.4mm o/d frame wire and 2.0mm o/d mesh wire, complete with diaphragms at 1 metre centres.

(ii) Diaphragms are to consist of two layers of mesh having the base of the mattress and the diaphragms manufactured from one continuous mesh panel.

(c) PVC coated Wire:

(i) Mild steel coated (95% Zinc + 5% Aluminium mischmetal alloy) and heat bonded with heavy duty grey PVC coating of nominal 0.5mm wall thickness.

(d) Fill Material:

(i) The gabion fill material is to be weather resistant, non-friable, insoluble, and sufficiently hard rock. Basalt and granite typically have these properties and sufficient specific gravity (high density) which qualify them to be used as fill material.

12.7.3 Minimum Construction Specification

(a) Compact material behind and below the gabion wall structure to the nominated soil compaction specification.

(b) A continuous filament non-woven needle punched geotextile to be placed at all mesh soil rock interfaces.

(c) Adequate drainage and keying of structure into embankment needs to be provided for the control of *Surface Run-Off* running down the *Slope*.

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12.8 Timber Boarded *Access* Track for Sand Conditions

12.8.1 Example 1



Figure H-19 – Timber Boarded *Access* Track Construction

12.8.2 Minimum Material Specification

(a) Timber Board:

(i) 200mm X 50mm X 3000mm treated CCA pine timber for light traffic areas.

(ii) 200mm X 50mm X 3000mm treated CCA hardwood timber for high traffic areas.

(b) Fasteners:

(i) 14g x100mm bugle batten screws galvanised; or

(ii) 100mm hexagonal headed screws galvanised Type 17.

12.8.3 Construction Methodology

(a) Box out the *Access* track *Pavement* to a 3-metre-wide and approximately 100mm deep and stockpile the sand for reuse.

(b) Lay the timber base boards along the *Access* track with a 75mm gap between each board across the boxed-out section with a slight angle towards the lower side to shed the water.

(c) Lay the timber side boards continuous along the edges of the timber base boards starting and finishing offset on either side of track with 100mm galvanised screw fixing to each timber base board.

(d) Attach angled timber cross boards at 45 degrees to the timber sideboard, were specified on *Slope*s as a water shed, fix to each timber base board with a 100mm galvanised screw.

(e) Sand up the finished timber boarded *Access* track to an uncompacted depth of approximately 100 mm and lightly track role the sand in to compact the *Pavement* surface.

(f) Trim the sand edges to allow water to exit on the lower side at regular intervals of approximately 5 metres along the *Access* track and place appropriate *Erosion* control.

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12.9 Summary of Stabilisation Techniques

Table H-5- Summary of Stabilisation Techniques

Technique	Advantage	Disadvantage	Application	Technical Aspects
Reducing Gradient	Visually appealing. Safer. Traversable by machinery. Easier to topsoil and revegetate. More natural looking.	Requires greater disruption of ground surface.		*Batter* grade equal to or greater than 1(v):3(h) desirable for *Erosion* control. *Batter* steeper than 1:2 should not be topsoiled. *Batter* face is to be protected from *Erosion*.
Benching	Useful technique where *Battering* not possible. Easier to control *Surface Run-Off* on benches. Benches can be revegetated.	Poor visual amenity. Steep *Batters* difficult to revegetate. Water ponding on bench can lead to *Slope* instability.	Generally, not applicable for soil. Ideal where steeper *Batters* or minimal disturbance required.	Benches should *Slope* inward with stable longitudinal grade. A minimum width of 3 metre should be adopted. Bench drains should be lined to allow the efficient drainage of *Surface Run-Off* and minimise infiltration.
Topsoiling	Easier to revegetate. High quality of revegetation. Improved visual amenity.	Difficult to place on steep *Slope*s. Imported topsoil may contain weeds and pathogens.	Topsoil is placed on areas to be revegetated.	Should be a maximum of 50mm thick on steep *Slope*s. Do not place on *Batters* steeper than 1:2. Should be protected from *Erosion* immediately after placement.

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Technique	Advantage	Disadvantage	Application	Technical Aspects
Seeding	Cost effective. Small areas do not require specialist machinery.	Offers no *Erosion* protection until *Vegetation* is established. Requires preparation of the soil surface. Difficult to prepare soils on steep *Slope*s and other constrained areas.	Most effective on large, flat areas where good soil conditions are available.	Soils should be tested to determine nutrient and pH status. Seed should be *Invasive Plant* free. Supplied by a certified seed merchant. Seed merchant, agronomist or revegetation agent should be contacted for species selection and application rate.
Hydro-seeding	More effective than conventional seeding techniques on constrained *Worksites*. Requires minimal site preparation.	Offers limited short term *Erosion* protection.	Seeds easily washed away in a high rainfall environment.	
Hand Mulching	Cost effective for small areas. Depending on location, material for example hay can be cheap. Does not require specialist machinery.	Labour intensive. Mulch may contain undesirable weeds.	Normally associated with intensive landscaping or small areas of surface disruption.	Minimum soil cover of 75% is required. Mulch should be tacked down to prevent wind damage – water and bitumen common tackifiers.
Hydro mulching	Limited surface preparation required. Offers immediate *Erosion* protection. Effective in constrained areas.	Offers some *Erosion* protection. Tackifiers generally water soluble. Easily damaged by stock and vehicles. Offers only short-term *Erosion* protection. Relies on *Vegetation* for long term protection. Requires specialist machinery for application.	Effective in environments with medium rainfall intensities and *Sheet Flows*. Not to be used in drains and flow lines where concentrated flows are encountered.	Plus, appropriate grass and tree species and fertiliser.

Specification for Land Management Construction

Technique	Advantage	Disadvantage	Application	Technical Aspects
Reinforced Earth	Geotechnical stability provided as well as *Erosion* protection. Basic earthmoving equipment required to install.	Can be expensive. Requires intensive site preparation. Not suitable where rock is present.	Appropriate where geotechnical stability is required for example fill *Batter* for an *Access* track *Pavement*.	Refer to manufacturer's specification for each particular product.
Bonded Fibre Matrix (BFM)	Limited surface preparation required. Offer immediate *Erosion* protection. Effective in constrained areas. Offers better *Erosion* protection than hydro mulching.	Short term costs higher than hydro mulching. Requires specialist machinery for application.	Used on *Slopes* where high intensity rainfall is common and where immediate *Erosion* protection is required.	Application Rate: Bagasse 10,000kg/ha Paper 1000kg/ha Binder 30L/ha (non water soluble) Plus, appropriate grass and tree species and fertiliser. If no seeds are to be included in mix increase binder to 40 L/ha (e.g., planting tube stock / mass mechanical planting techniques).
***Erosion* Control Blankets**	Provides greater raindrop impact protection than hydro mulching and BFM. Does not require specialist machinery.	Intensive surface preparation required. Can be expensive. Relies on permanent *Vegetation* for long term stability. Installation labour intensive. Nylon netting in some matts can trap birds and animals.	Used on smooth earthen *Batters* when surface preparation is possible.	Type of mat depends on degree and length of protection required. Coconut fibre and cellulose mats offer short term protection. 2D and 3D polypropylene mats offer long term protection and can withstand more intense rainfall.

Specification for Land Management Construction

Technique	Advantage	Disadvantage	Application	Technical Aspects
Rock Mattress	Provides greater geotechnical stability and *Erosion* protection than other solutions. Can be revegetated.	Expensive. Requires extensive site preparation. Requires good *Access* for machinery.	Used where geotechnical stability is required e.g., retaining wall, fill embankments.	Refer to manufacturer's specifications and installation guide.
Rock Mulching	Offers immediate protection. If done correctly will provide permanent, long term *Erosion* protection.	Soil can erode from under rocks. Suitable rocks often not available in remote locations. Requires good *Access* for machinery. Can be expensive.	Good technique where permanent *Vegetation* cover cannot be maintained.	Soil surface should be relatively smooth. Place geotextile on the surface. Install up*Slope* cut-off trenches. Minimum average rock size of 200mm is recommended.
Gabion Basket Wall	Permanent geotechnical solution to control and *Stabilise* significant subsidence or major *Erosion* of an embankment adjacent to critical infrastructure.	Unstable soil for foundation requires geotechnical testing to confirm foundation stability. An RPEQ civil / structural engineered design required in extreme circumstances.	Appropriate where geotechnical / structural stability is required to secure high value / critical electricity supply assets in land slip and high *Erosion* geotechnical areas.	Substrata base course foundation material needs to be compacted and stable. Follow the *Construction Standard* / manufacturer's installation specifications for gabion basket wall. Rock fill is to be clean and *Invasive Plant* free.

Specification for Land Management Construction

Technique	Advantage	Disadvantage	Application	Technical Aspects
Timber Boarding	Limited surface preparation required and straight forward construction. Offers immediate *Erosion* protection. Effective in constrained areas. Assists with vehicle *Access* across deep and soft sand. Offers a solution for sand track *Erosion*.	CCA pine boards can only be used for light traffic and low vehicle loads in sand. Sand can erode from under the boards if not compacted correctly.	Sandy areas only where *Access* is difficult. Assists vehicle across deep soft sand and offers a solution to sand track *Erosion*. Cost effective compered to constructing compacted gravel/rock *Access* tracks in the same areas.	Box out site saving sand for re use Lay boards with a 75mm gap between each board with slight angle to low side to shed water Attach side boards and angled cross boards at 45 degrees to sides as a water shed. Sand up finished boards to approximately 100 mm uncompacted depth and lightly track role in sand. Trim sand edges to allow water exit on lower side at regular intervals of approx. 5 metres.

Specification for Land Management Construction

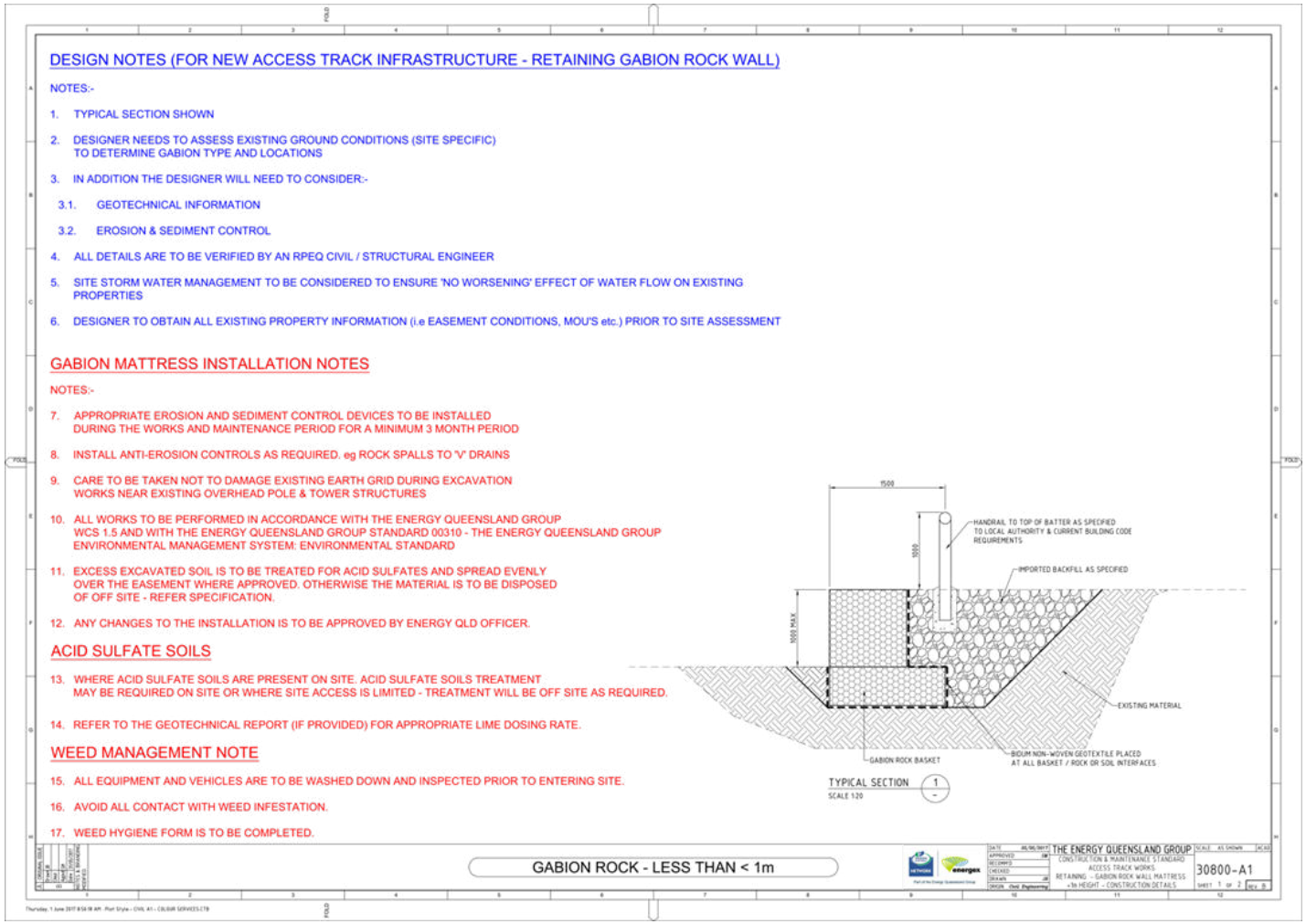


Figure H-20 – *Access* Track Infrastructure – Land Stabilisation – ≤1m Gabion Rock Wall Mattress Details.

Specification for Land Management Construction

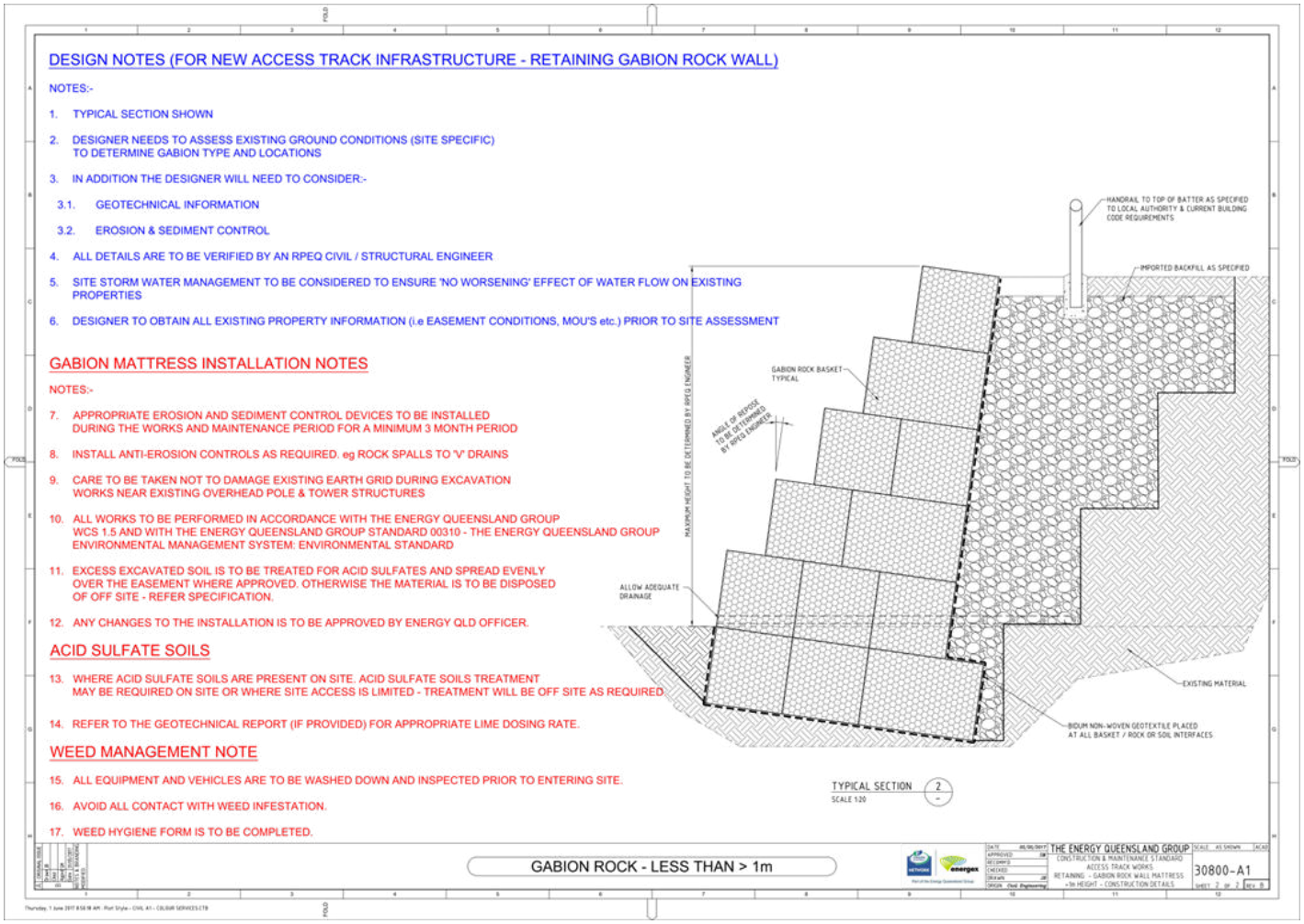


Figure H-21 – *Access* Track Infrastructure – Land Stabilisation – >1m Gabion Rock Wall Mattress Details.

Specification for Land Management Construction

13 Land Rehabilitation and Revegetation

13.1 Pre-works and Site Establishment

13.1.1 Management and Control Plan Implementation

(a) The *Service Provider* is to establish and implement the following management and control plans:

(i) Environmental management plan includes the following details as a minimum:

- Assignment of responsibility for environmental controls.
- Conditions of approvals, licences and permits to meet controlling *Authority* requirements, and negotiated *Landholder* acceptance.
- Details of potential environmental impacts and operational control measures that are to be implemented.

(ii) Soil *Erosion* and *sediment* control plan include the following details for all *Worksite* areas and *Access* and haulage tracks, borrow pits, and stockpile areas as a minimum:

- Staging of operations and sequence of land rehabilitation works.
- Diversion of upstream water around the *Site*.
- Provision of temporary drains and catch drains.
- Application of diversion, dispersal and / or retention measures to concentrate flows, to control, dissipate stormwater and concentrate runoff through the *Site* without damage.
- Temporary treatments to protect and / or restoration of *Disrupted* or exposed surface areas in progress with the land rehabilitation works, for example contour ploughing, bunding or mulching.

(iii) Air quality control plan, include the following details as a minimum:

- Details of the measures to protect adjoining *Landholders* / *Occupiers* and the public against dust, dirt and water nuisance and injury.
- Utilisation of dust screens and watering to reduce the dust nuisance.

(iv) Waste management plan and identify major waste streams that will be generated and where the waste is to be re-used, recycled, stockpiled, treated, or disposed of, include the following details as a minimum:

- Green waste and organic waste.
- Construction waste, including spoil and demolition waste.

(v) Ground contamination plan, include the following details as a minimum:

- If the land to be rehabilitated is identified as contaminated, or the presence of acid sulphate soils is found, prepare a remediation action plan in accordance with *Authority* guidelines.

(vi) *Invasive Plants* management plan, include the following details as a minimum:

- Identify *Invasive Plants* and infestation zones within the *Worksite*.
- Method of cleaning vehicles and machinery and cleaning date.
- Cleaning bay location and treatment date.
- Contaminated fill stockpile, treatment type and treatment date.

Specification for Land Management Construction

13.1.2 Site Preparation

13.1.2.1 Program of Work

(a) The *Service Provider* is to submit a program of work (typically in the form of a bar chart), for the land rehabilitation works prior to the commencement of *Site* works to the *Energy Queensland Officer*.

(b) The *Service Provider* is to submit a proposed planting maintenance program (typically in the form of a bar chart), for the land rehabilitation after initial works, prior to the commencement of *Site* works to the *Energy Queensland Officer*.

13.1.2.2 Community Liaison

Notify *Authorities* / *Landholders* / *Occupiers* of new or changed land rehabilitation construction activities which will affect *Access* to or disrupt the use of the properties under their control.

13.1.2.3 Temporary Landscape Fencing

(a) Install temporary landscape fencing to ensure the *Worksite*, and the trees and plantings are protected from vehicular and pedestrian traffic movement until rehabilitation works are complete and trees and plantings are established.

(b) Temporary landscape fencing dimensions are nominally

(i) Height of 1.2 metre.

(ii) Maximum post spacing of 5 metres.

(iii) The minimum standard for fencing material is star pickets and a form of sighter tape strung between pickets at top.

(b) Temporary landscape fencing is to remain in place and only be removed at the end of the planting establishment period.

13.1.2.4 Tree Protection

(a) All established trees that are not marked for removal are to be maintained and protected. The level of protection is to comply with (and not limited to) those parts of AS 4970 which are referenced in the below section:

(i) Tree protection zone - AS 4970 Section 3.

(ii) Tree protective measures - AS 4970 Section 4.

(iii) Tree monitoring and certification - AS 4970 Section 5.

(b) Display a tree protection warning sign in a prominent position at each entrance to the *Worksite*, warning that trees and plantings are to be protected during the initial land rehabilitation construction activities and the planting establishment period.

(c) Tree protection warning signage is to remain in place and only be removed at the end of the planting establishment period.

(d) Tree protection warning signage lettering is to be road type sign letters; sans serif and 100 mm high to AS 4970 Appendix C.

Specification for Land Management Construction

13.2 Site Clearing

13.2.1 Extent of Clearing

Clear only the following *Site* areas:

(a) Work Areas:

(i) Areas to be occupied for land rehabilitation, including, and not limited to excavation, regrading, landscaping, and planting and establishment of *Vegetation* works.

(b) *Service Provider's* Worksite areas:

(i) If not included within the land rehabilitation areas documented above, clear generally only to the extent necessary for Site mobilisation and the performance of the works.

13.2.2 Clearing and Grubbing

(a) Clearing:

(i) Remove everything on or above the Worksite surface, including and not limited to rubbish, scrap material, grass, vegetable matter and organic debris, scrub, trees, timber, stumps, boulders, and rubble.

(ii) Remove vegetative spoil from Site and the vegetative spoil are not to be burn.

(b) Grubbing:

(i) Grub out stumps and roots over 75 mm diameter to a minimum depth of 500 mm below subgrade under, embankments or paved areas.

(ii) Grub out stumps and roots over 75 mm diameter to a minimum depth of 300 mm below finished surface in unpaved open landscape areas.

(iii) Backfill holes remaining after grubbing with sand material to prevent ponding of water. Compact the material to the same relative density of the existing adjacent ground material.

13.3 Tree Maintenance

(a) All tree maintenance is to conform to the tree maintenance schedule provided by *Energy Queensland* or as directed by the *Energy Queensland Officer* on *Worksite*.

(b) The *Service Provider* is to give notice to the *Energy Queensland Officer* prior to commencing tree maintenance at *Worksite*.

(c) If it is necessary to perform any work on trees that are to be retained as part of the land rehabilitation, give notice to the *Energy Queensland Officer* prior to commencing any work on the trees.

(d) All pruning of trees is to be carried out in accordance with AS 4373 and the relevant industry codes of practice.

(e) Tree maintenance works (for example pruning of trees to be retained) are to be carried out by a fully qualified and experienced arborist.

13.4 Disposal of Waste Materials

13.4.1 Disposal of Spoil

Remove all cleared spoil and grubbed material from the *Worksite* and dispose of in accordance with controlling *Authority* requirements for transport, disposal, and negotiated *Landholder* acceptance.

13.4.2 Mulch

(a) Chip seed free aerial vegetative matter by putting through a chipper and reducing the vegetative matter to pieces not larger than 75 x 50 x15 mm and stockpile for re-use as mulch.

(b) Aerial vegetative matter not permitted to be chipped is leaf matter and tree lopping from and not limited to:

(i) Privet.

(ii) Camphor laurel.

(iii) Coral tree.

(iv) Poplar.

(v) Willow.

(vi) *Invasive Plants*.

(c) Mulch supplied or generated at *Worksite* is not to contain biohazard contaminates.

(d) The *Service Provider* is to submit a detailed program for the mulching of the cleared *Vegetation* at the *Worksite*(s).

13.5 Topsoil

13.5.1 Site Topsoil

Soil excavated from the *Worksite* which contains organic matter, supports plant life, conforms generally to the fine to medium texture classification to AS 4419 (loam, silt, clay loam) and is free from:

(a) Stones > 25 mm diameter.

(b) Clay lumps > 75 mm diameter.

(c) *Invasive Plants* and tree roots.

(d) Sticks and rubbish.

(e) Material toxic to plants.

may be stockpiled at *Worksite* and utilised to finish the surface area being landscaped to the required levels, grade, and shape for both grassing and tree planting.

13.5.2 Imported Topsoil

Import topsoil to the selected type (texture) unless the topsoil type can be provided from material recovered from the *Site*. Imported topsoil is to be similar to naturally occurring local topsoil at the *Site*, and:

(a) Suitable for the establishment and ongoing viability of the selected *Vegetation* being planted.

(b) Certified free of *Invasive Plants* propagules.

(c) Free of contaminants (including bio-hazard contaminants).

(d) Classified by texture as follows to AS 4419:

(i) Fine:

- Clay loam, fine sandy loam, sandy clay loam, silty loam, loam.

(ii) Medium:

- Sandy loam, fine sandy loam.

(iii) Coarse:

- Sand, loamy sand.

(e) For deliveries of topsoil to *Site*, the accompanying documentation is to comply with AS 4419

(f) If using additives to raise topsoil to the required standard, ensure compliance with the relevant test criteria of AS 4419.

(g) Nitrogen drawdown: if the NDI_{150} value is < 0.5 to AS 4419 add a source of soluble nitrogen to bring the value above zero.

Specification for Land Management Construction

(h) The supplied topsoil to *Site* is to be suitable for native planting.

(i) For the particle size of topsoil(s) being provided, refer to Table I-1 for the particle size of the various nominated textures of the topsoil.

Table I-1 – Topsoil Particle Size Table [Percentage (%) Passing By Mass]

AS Sieve Aperture To	Topsoil Textures		
	Fine	Medium	Coarse
2.36	100	100	100
1.18	90 – 100	90 – 100	90 – 100
0.60	75 – 100	75 – 100	70 – 90
0.30	57 – 90	55 – 85	30 – 46
0.15	45 – 70	38 – 55	10 – 22
0.075	35 – 55	25 – 35	5 – 10
0.002		2 – 15	2 – 8

For the nutrient levels of topsoil(s) being provided, refer to Table I-2 for the nutrient sufficiency range for the topsoil.

Table I-2 – Topsoil Nutrient Levels

Nutrient	Unit	Sufficiency Range
Nitrate-N (NO_3)	mg/kg	> 25
Phosphate-P (PO_4) – P tolerant	mg/kg	43 - 63
Phosphate-P (PO_4) – P sensitive	mg/kg	< 28
Phosphate-P (PO_4) – P very sensitive	mg/kg	< 6
Potassium (K)	mg/kg	178 - 388
Sulphate-S (SO_4)	mg/kg	39 - 68
Calcium (Ca)	mg/kg	1200 - 2400
Magnesium (Mg)	mg/kg	134 - 289
Iron (Fe)	mg/kg	279 - 552
Manganese (Mn)	mg/kg	18 - 44
Zinc (Zn)	mg/kg	2.6 - 5.1
Copper (Cu)	mg/kg	4.5 - 6.3
Boron (B)	mg/kg	1.4 - 2.7
Method References: pH in H_2O (1:5), pH in $CaCl_2$ (1:5) and Electrical Conductivity (EC) by Rayment & Higginson (1992) method 4A2, 4B2, 3A1. Soluble Nitrate-N by APHA 4500. Soluble Chloride by Rayment & Higginson (1992) modified method 5A2. Extractable P by Mehlich 3 – ICP. Exchangeable cations – Ca, Mg, K, Na by Mehlich 3 – ICP. Extractable S by Mehlich 3 – ICP. Extractable trace elements (Fe, Mn, Zn, Cu, B) by Mehlich 3 – ICP.		

13.5.3 Topsoil Stockpiles

(a) Stockpile *Site* topsoil intended for re-use and imported topsoil where necessary to maximum height of 1.5 metre.

(b) Provide drainage and *Erosion* protection for the stockpile(s).

(c) Protect the topsoil stockpiles from contamination by other excavated material, *Invasive Plants* and building debris.

Specification for Land Management Construction

13.6 Imported Materials

(a) Imported fill is to be provided with certification or test results by a GTA registered laboratory which establishes the compliance of imported fill with the material specification including the source.

(b) Soil materials provided are to comply with the following standards as a minimum:

(i) Site and imported topsoil is to comply with AS 4419.

(ii) Potting mixes are to comply with AS 3743.

(iii) Composts, soil conditioners and mulches are to comply with AS 4454.

13.6.1 Compost

(a) The compost supplied is to be well-rotted vegetative material or animal manure, free from harmful chemicals, grass, *Invasive Plant* growth and biohazard contaminates.

(b) The organic content of the compost by mass is specified in the landscape design *Drawings* or as nominated by the *Energy Queensland Officer*.

13.7 Embankment Stabilisation

(a) Where necessary *Stabilise* embankments to prevent *Erosion* or soil movement, in accordance with Section 12, Land *Stabilisation* utilising methods, for example matting overlay or hydro mulching.

(b) Matting overlay:

(i) Biodegradable fibre reinforced with lightweight polymer mesh.

(ii) Provide lightweight material for seeding, and medium or heavy weight material for planting of the embankment.

(iii) In high *Erosion* zones, utilise flexible carbon black UV *stabilised* interwoven nylon mesh.

13.8 Ripping Subsoil

(a) Rip subsoil parallel to the final contours wherever possible.

(b) Subsoil is not to be ripped when the subsoil is wet or plastic.

(c) Subsoil is not to be ripped within the dripline of trees and shrubs to be retained as part of the landscaping.

(d) For compacted subsoil rip the subsoil to a typical depth of 300 mm.

13.9 Excavation for Planting Beds

(a) Excavate the subsoil to at least a depth of 150 mm below finished design surface levels.

(b) Shape the subsoil to fall to the subsoil drains where applicable.

(c) Break up the subsoil to a further depth of 150 mm below the subsoil surface levels after initial excavation.

(d) Remove any previously unexcavated weeds, roots, builder's rubbish, and other debris exposed during the excavation and breakup of the subsoil.

(e) Re-establish the planting bed to a depth of 75 mm below finished design surface levels with topsoil as specified by the landscape master plan.

13.10 Cultivation

(a) Cultivate manually within 300 mm of paths or structures.

(b) Remove stones exceeding 25 mm, clods of earth exceeding 50 mm, and weeds, rubbish or other deleterious material brought to the surface during the cultivation.

(c) Trim the surface to the design surface levels after cultivation.

(d) During cultivation, thoroughly mix in materials required to be incorporated into the subsoil.

Specification for Land Management Construction

(e) Cultivate the subsoil to a minimum depth of 100 mm unless otherwise specified as detailed below:

(i) Grassed areas (seeded) to a depth of 100 mm.

(ii) Planting areas to a depth as specified on landscape master plan(s)

(f) Underground services and roots of trees and shrubs to be retained as part of the landscaping are not to be damaged or *disrupted*, if necessary, cultivate these areas by hand.

13.11 Additives to Subsoil

(a) Apply additives after ripping or cultivation of the subsoil and incorporate additives into the upper 100 mm layer of the subsoil when required.

(b) For example, when adding gypsum; incorporate the gypsum at the rate of 0.25 kg/m^2.

13.12 Site Topsoil Preparation

(a) Screed *Site* topsoil by a suitably sized power hydraulic screen for the volume of *Site* topsoil to be processed, with sieves grading from 20 mm to 15 mm.

(b) Remove screed generated waste from *Site*, including and not limited to all clay lumps, balled compacted particles greater than 20 mm, stones and trash foreign to the normal composition of soil.

(c) If *Site* topsoil contamination has occurred, including from and not limited to diesel oil, cement or other phytotoxic material has been spilt on the *Site* topsoil, excavate the contaminated soil and dispose of it off the *Site* in accordance with controlling *Authority* requirements for transport and disposal, and negotiated *Landholder* acceptance.

(d) Admixtures, during the screening process add for example:

(i) 15% by weight coarse sand with a minimum particle size of 0.2 mm.

(ii) Ameliorants if recommended in the soil tests specified.

(e) The additives program to *Site* topsoil at screening is to occur eight weeks prior to stolonizing or turfing of *Site* topsoil.

13.13 Placing Topsoil

(a) *Site* topsoil is not to be incorporate into the landscaping works until soil testing certification has been approved. Remove any unauthorised topsoil material from the *Site*.

(b) Spread the topsoil on the prepared subsoil and grade evenly, making the necessary allowances to permit the following:

(i) Required finished surface levels and contours are being achieved after light compaction.

(ii) Grassed areas are finished flush with adjacent hard surfaces, for example kerbs, paths, and mowing strips.

(c) When spreading topsoil on steep *Batters*, if using a chain drag, ensure there is no danger of *Batter* being *disrupted*.

(d) When finishing the topsoil, feather the edges into the adjoining undisrupted ground.

13.13.1 Topsoil Consolidation

Topsoil is to be compacted lightly and uniformly in 150 mm layers. Avoid differential subsidence and excess compaction, and produce a finished topsoil surface which has the following characteristics:

(a) Finished to design levels.

(b) Smooth and free from stones or lumps of soil.

(c) Graded to drain freely, without ponding, to catchment points.

(d) Graded evenly into adjoining ground surfaces.

(e) Ready for grassing and / or planting.

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13.13.2 Topsoil Depths

Topsoil is to be spread to the following depths and may vary subject to the nominated finished surface levels:

(a) For excavated planting areas:

(i) If using organic mulch, the depth is 225 mm.

(ii) If using gravel mulch, the depth is 250 mm.

(b) For irrigated grassed areas, the depth is 150 mm.

(c) For irrigated grassed areas, commercial use (e.g., playing fields, playgrounds, public parks), the depth is 200 mm.

(d) For non-irrigated grass areas, the depth is 100 mm.

(e) For earth mounds:

(i) Mass planted surfaces, the depth is 300 mm.

(ii) Grassed surfaces, the depth is 100 mm.

(f) For top dressing, the depth is 10 mm.

13.13.3 Surplus Topsoil

(a) Spread any surplus topsoil on designated areas around the *Site*; otherwise, dispose of the surplus topsoil off *Site*.

(b) Spread topsoil evenly around designated areas and spread over existing grassed areas to form an even surface when finished.

13.14 Fertiliser

(a) When delivering commercially produced fertilisers to the *Site* must be in sealed bags marked to show the manufacturer or vendor, weight of the bag, fertiliser type, N:P:K ratio, recommended uses and application rates.

(b) Refer to Table I-3 for the fertiliser schedule.

Table I-3 – Fertiliser Schedule

Fertiliser Key	Variety	N:P:K ratio	Application Rate
Biological – processed where pathogens, parasites and weed seeds are eradicated	Australian Certified Organic and in a pelletised form where secondary nutrients and micronutrients in a natural form	4:3:2	200-400kg / hectare

13.15 Invasive Plant Eradication

(a) *Invasive Plant* eradication by the application of *Herbicide*:

(i) Eradicate weeds using environmentally acceptable methods, for example a non-residual glyphosate *Herbicide* in any of its registered formulae, at the recommended maximum rate.

(ii) The application of *Herbicide* is to be in accordance with Section 14, Procedure – *Herbicide* Application.

(b) *Invasive Plant* eradication by manual weeding:

(i) Regularly remove by hand, rubbish, and Invasive Plant growth throughout grassed, planted and mulched areas.

(ii) Remove Invasive Plant growth from an area 750 mm diameter around the base of the trees in grassed areas.

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(c) Continue *Invasive Plant* eradication throughout the course of the initial landscaping works and during the planting establishment period.

13.16 Grass Seeding

(a) Provide grass seed mixtures which are thoroughly pre-mixed with a bulking material, for example safflower meal.

(b) Deliver the grass seed to the *Site* in bags marked to show the weight, seed species and supplier's name.

(c) Provide fresh, clean, new grass seed. Do not provide wet, mouldy, or otherwise impaired grass seed.

(d) The specification for the grass seed provided is:

(i) Purity is to be a minimum of 98%.

(ii) Germination viability is to be a minimum of 86%.

(iii) Age from date of harvest is to be a maximum of two years.

(e) Prepare the surface areas to be sown with grass seed:

(i) Spread the fertiliser evenly over the cultivated bed within 48 hours before sowing and rake lightly into the surface.

(ii) If a prepared area becomes compacted from any cause before sowing can begin, rework the ground surface before sowing.

(f) Sowing of the grass seed over the prepared area:

(i) The sowing of grass seed is not to proceed when the following conditions occur:

- Frost is likely before the plant has reached an established state.
- In periods of extreme heat, cold or wet.
- Within acceptable wind velocities that will allow even distribution without dispersion over areas outside the nominated area for grass seeding.

(ii) Provide an even distribution of grass seed and lightly rake the surface to cover the seed.

(iii) Sow seeded grass areas at *Worksite* in accordance with the grass seeding schedule provided or as directed by the *Energy Queensland Officer.*

(g) Roll the seed bed immediately after sowing utilising the maximum roller weight as detailed below:

(i) For clay and packing (heavy) soils, roll with 90 kg/m width roller.

(ii) For sandy and light soils, roll with 300 kg/m width roller.

(h) Watering of the grass seed over the prepared areas (if required):

(i) Before germination, water the seeded area with a fine spray until the topsoil is moistened to its full depth. Continue watering until germination to keep the surface damp and the topsoil moist and ensure the topsoil does not become waterlogged.

(ii) After germination, water to maintain a healthy condition, and progressively hardened off to attain the natural climatic conditions of the *Site*.

(i) After germination, maintain sown areas if required until the attainment of a dense continuous sward of healthy grass over the whole of the seeded area, evenly green and of a consistent height.

(j) Remove weeds that occur in sown areas if required by spraying where necessary with a selective *Herbicide* for broad leafed weeds. The spraying of grass seeded areas is not to occur within three months of germination of the grass seed.

(k) Protect the newly sown grassed areas against vehicular and pedestrian traffic movement until well established if required. Protection method is to lay star droppers with temporary roped flagging until grass areas are established.

(l) Fertilising of grassed areas after germination is to occur as specified below if required:

Specification for Land Management Construction

(i) Six weeks after germination of the grass, spread fertiliser evenly over the sown area and then water in. Do not apply the fertiliser to wet grass.

(ii) Ten weeks after germination of the grass, and if the planting establishment period carries through the summer months, spread pelleted sulphate of ammonia at the rate of 250 kg/ha.

(m) Mowing of grassed areas after germination is to occur as specified below if required:

(i) Mow to maintain the grass at the nominated height within the specified range or as directed by the *Energy Queensland Officer*.

(ii) Do not remove more than one third of the grass height at any one time.

(iii) Carry out the last mowing within seven days before the end of the planting establishment period.

(iv) Remove grass clippings from the *Site* after each mowing.

13.17 Revegetation

13.17.1 Pre-works Approvals

The *Service Provider* is to submit a proposal to and obtain the approval of the *Energy Queensland Officer* for the following:

(a) If a planting machine is to be used as an alternative to hand planting of tree stock.

(b) If open rooted stock plants are to be used, instead of potted plants / tube stock.

(c) If required to spray with targeted insecticide, fungicide or both to eradicate insect attack or plant disease identified at *Site*.

13.17.2 Mulching Planted Landscape Areas

(a) Provide mulch which is free of deleterious and extraneous matter, for example soil, weeds, and sticks. Organic mulches are to be free of stones.

(b) Mulch provided are to comply with Standard AS 4454 as a minimum.

(c) Mulch is to be brush chippings and leaf litter recovered from *Site* clearing (if available), otherwise source alternative approved material.

13.17.3 Invasive Plant Eradication of Planted Landscape Areas

Undertake *Invasive Plant* eradication of planted landscape areas in accordance with Subsection 13.15, Invasive Plant Eradication of this Section 13.

13.17.4 Individual Plantings in Grassed Areas

(a) Excavate a hole to twice the diameter of the root ball of the plant and at least 100 mm deeper than the root ball of the plant. Break up the base of the hole to a further depth of 100 mm and loosen compacted sides of the hole to prevent confinement of root growth.

(b) If it appears necessary to vary plant locations and spacing from those specified to avoid underground services, or to cover the planting area uniformly, or for any other reasons, advise the *Energy Queensland Officer* of the variation to the planting plan and obtain approval.

(c) Planting is not to occur in unsuitable weather conditions, for example, extreme heat, cold, wind or rain events.

(d) In other than sandy soils, suspend excavation of holes when the soil is wet, or during periods of frost.

(e) Thoroughly water the plants before planting, immediately after planting, and as required to maintain growth rates free of stress while the plants are being established.

(f) Remove the plant from the container with minimum disturbance to the root ball. Root prune to ensure all circling roots have been either severed or aligned radially into the surrounding soil.

(g) Ensure that the root ball is moist and place it in its final position, in the centre of the hole and plumb, and with the topsoil level of the plant root ball level with the finished surface of the surrounding soil.

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(h) Compact lightly so as to minimise subsidence without compacting the backfill.

(i) Avoid mixing the mulch with the topsoil.

(j) Backfill with topsoil mixture by lightly tamping and watering to eliminate air pockets.

(k) Ensure that topsoil placed over the top of the root ball, so that the plant stem remains at the same height above ground surface as it was in the container.

(l) Except in irrigated grassed areas and normally moist areas, construct a watering basin around the base of each individual plant, consisting of a raised ring of soil capable of holding at least ten litres of water.

13.17.5 Fertilising Individual Plantings

(a) In planting beds and individual plantings, place fertiliser pellets around the plants at the time of planting.

(m) Refer to the fertiliser schedule and application rates on product supplied for the plantings being fertilised.

13.17.6 Placing Mulch around Individual Plantings

(a) Place mulch to the required depth, clear of plant stems, and rake to an even surface flush with the surrounding finished levels.

(n) Spread and roll mulch so that after settling, or after rolling, the mulch is:

(i) Smooth and evenly graded between design surface levels *Slope*d towards the base of plant stems in plantation beds.

(ii) Not closer to the stem than 50 mm in the case of gravel mulches.

(o) In mass planted areas, place the mulch after the preparation of the planting bed and before planting and other works.

(p) In smaller areas (e.g., planter boxes), place the mulch after the preparation of the planting bed, planting, and other work.

(q) For all planter beds, the type and depth of mulch is specified on the detailed planting plan of the area(s).

(r) Spread organic mulch to a minimum depth of 100 mm.

13.17.7 Spraying Individual Plantings

(a) Advise the *Energy Queensland Officer* of evidence of insect attack or disease amongst individual plantings and / or plant material at *Site*.

(b) Where required, spray with targeted insecticide, fungicide, or both to eradicate insect attack or plant disease identified at *Site*.

13.17.8 Stakes and Ties Around Individual Plantings

(a) Stake material and fabrication is to be hardwood, straight, free from knots or twists, and pointed at one end.

(b) Installation of stakes is to be by driving the stakes into the ground to a depth of one third of their length, avoiding damage to the root system.

(c) Stake sizes and lengths, and number required for various plant sizes are to be suitable for application and field environment.

(d) Provide ties that are securely fixed to the stakes, one tie is to be placed at half the height of the main stem of the plant, and others as necessary to stabilise the plant.

(e) Attach all ties loosely to the main stem of the plant(s).

(f) Tie types, number, and installation details, required for various plant sizes are specified below:

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(i) For plants that are ≥ 2.5 metre high, provide two strands of 2.5 mm galvanized wire neatly twisted together, passed through a reinforced rubber or plastic hose, and installed around stakes and stem of plant in a figure of eight pattern.

(ii) For plants that are < 2.5 metre high, provide 50 mm hessian webbing around stem of plant that is stapled to the stakes.

13.17.9 Marker Stakes at Individual Plantings

(a) Marker stake material and fabrication is to be timber offcuts, each 25 x 25 x 1200 mm and pointed at one end. The top square end is to be paint with a high visibility paint.

(b) Installation of marker stakes is to be by driving the marker stakes firmly into the ground at least 300 mm from the plant. The plant is not to be tied to the marker stake.

(c) At the various location where there is a need for higher visibility of trees, utilisation of marker stakes are specified below:

(i) For trees that are in grass, mark the location of each tree with a marker stake.

(ii) For rip line planting areas, mark the location of each rip line at every fifth plant along the line.

13.17.10 Trunk Protection at Individual Plantings

For the protection of the stem / trunk of individual plantings, install a collar guard that are 200 mm length and fabricated from 100 mm diameter agricultural pipe split lengthways.

13.18 Maintenance of Worksite Conditions

(a) Progressive clear and clean the *Worksite* as the landscaping (including excavation of *Site*), maintaining a clean tidy and safe *Worksite* at all times as the landscaping proceeds.

(b) Remove from the *Worksite*, any rubbish and surplus material arising from the execution of the landscape area, including any work performed on the landscape area during the plant establishment period.

13.19 Cleaning Landscaped Areas

At the end of the planting establishment period:

(a) Remove stakes and ties that are no longer required.

(b) Remove any temporary protective fences still remaining.

13.20 Completion of Land Rehabilitation

(a) Provide plant product certification, by submitting the plant supplier's written statement certifying that plants supplied are true to the required species and type, and are free from diseases, pests, and *Invasive Plants*.

(b) Submit recommendations for the ongoing maintenance and specialised care of plants.

13.21 Plant Procurement

13.21.1 Plant Procurement

(a) The *Service Provider* is to provide plants that have been grown to a standard that allows them to establish rapidly and grow to maturity.

(b) Take any other precautions required to safeguard the health and well-being of all plant materials prior to and including their delivery to *Site*.

(c) Anticipate replacement of plant failures on *Site* amounting to 15% during the course of propagation and the growing of plant materials during the planting establishment period.

(d) Provide written certification that all plant material has been grown from locally provenance stock.

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(e) All the plants supplied to *Worksite* are true-to-species and type, and free of disease, fungal infection and / or any other impediment to their future growth and that they have been fully acclimatised for the conditions of the *Site*.

(f) Where the plants supplied are to be established in the vicinity of the *Energy Queensland* network assets the plants are to comply with *WCS*1.6.

13.21.2 Plant Procurement - Specification

(a) For the purposes of this subsection the definitions given below apply:

(i) *Calliper*: The stem or trunk diameter at a nominated point. Generally measured at 300 mm above ground level.

(ii) *Size Index*: Product of tree / plant height (m) x Calliper (mm).

(iii) *Tube* or *Plant Cell:* Trees or shrubs grown in small containers or cells in trays with a height diameter ratio > 3:2, typically < 0.75 litres.

(iv) *Small Tree* or *Small Shrub*: Tree or shrub grown in containers < 20 litres (other than tubes or plant cells), and ex-ground trees of Size Index < 35.

(v) Large Tree: Tree grown in containers ≥ 20 litres, and ex-ground trees of *Size Index* ≥ 35.

(b) External tree inspection, without washing away of soil from the root ball, is to assesses the following:

(i) The tree's ability to be self-supporting.

(ii) The tree's ability to balance.

(iii) The tree's root development.

(c) *Tubes* or *Plant Cells* are to have a height above soil level between 1.5 and 2.5 times the height of the *Tube* or *Plant Cell*.

(d) Trees and shrubs in containers < 20 litres (other than *Tubes* or *Plant Cells*) or ex-ground trees of *Size Index* < 35 (e.g., 1.4-metre-high x 25 mm *Calliper*); the height is to fall within the range indicated for the container size in the nursery industry small container-grown plant table.

(e) Containers / root balls (other than *Tubes* or *Plant Cells*) are to remain flat on the ground when the stem, held at 80% of height above ground, is deflected 30º from the vertical, side to side. (Exempt is species that naturally produce hard inflexible wood in the early stages of their development.)

(f) For trees grown in containers ≥ 20 litres, the *Size Index* is to fall within the range indicated for the nominal container size shown in the nursery industry common container volumes table.

(g) Ex-ground trees with a Size Index ≥ 35 (e.g., 1.4-metre-high x 25 mm Calliper) are to have root ball diameters greater than or equal to the minimum root ball diameters shown in the nursery industry ex-ground trees table.

(h) Clearly label individual plants and batches with a label type to withstand transit without erasure or misplacement.

(i) Supply plants with foliage size, texture and colour at time of delivery consistent with the size, texture and colour shown in healthy specimens of the nominated species.

(j) Supply plants with extension growth consistent with that exhibited in vigorous specimens of the species nominated.

(k) Supply plants free from damage and from restricted habit due to growth in nursery rows.

(l) Supply plants free from stress resulting from inadequate watering, excessive shade or excessive sunlight experienced at any time during their development.

(m) Supply plants that have been grown and hardened off to suit the conditions that could reasonably be anticipated to exist on Site at the time of delivery.

(n) For maximum root development of plants in containers, grow plants in their final containers for the following periods:

(i) For plants in containers of < 25 litre size, grow plants for > 6 weeks.

(ii) For plants in containers of > 25 litre size, grow plants for > 12 weeks.

(o) Supply plants with foliage free from attack by pests or disease.

(p) Native species with a history of attack by native pests; restrict plant supply to those with evidence of previous attack to < 15% of the foliage and ensure absence of actively feeding insects.

(q) Supply plant material with the root system:

(i) Well-proportioned in relation to the size of the plant material.

(ii) Conducive to successful transplantation.

(iii) Free of any indication of having been restricted or damaged.

(r) Supply trees that:

(i) Are free from injury.

(ii) Are self-supporting.

(iii) Have the Calliper at any given point on the stem greater than the Calliper at any higher point on the stem.

13.22 Landscape Establishment

(a) For the purposes of this subsection the definitions given below apply:

(i) Plant Establishment: Maintain the landscape area during the Plant Establishment Period.

(ii) Plant Establishment Period: The period between the date of practical completion and the date of final completion.

(b) There will be a minimum of four *Site* inspections over the *Plant Establishment Period* with a final inspection occurring in the 'off *Plant Establishment Period*' period. Any defects noted will need to be rectified by the *Service Provider* immediately.

(c) The landscaping *Service Provider* is to be present at all scheduled *Landholder* / *Authority Site* inspections.

(d) The *Service Provider* is to conduct monthly *Site* inspections making note of any plant / grass die-off, *Invasive Plant* / pest infestations, *Erosion* issues and report back to *Energy Queensland Officer* with any issues identified.

(e) Provide a monitoring program incorporating the following:

(i) Photographic record including:

- Colour photographs.
- Documented monitoring locations and photograph angles.

(ii) Reporting periods including photographic records at the following:

- Prior to the commencement of the works.
- Date of practical completion.
- Three monthly intervals during the *Plant Establishment Period*.
- Date of final completion.
- Benchmark definition based on remnant communities.
- Replicated measurements over time and comparative analysis with regard to the benchmark.

(f) Provide two days' notice of the following operations:

(i) Application of *Herbicide*.

(ii) Application of fertiliser.

(iii) Watering.

(iv) Each *Site* maintenance visit.

(g) Log the following on a weekly basis and make available on request:

(i) Description, time and method of application of toxic material.

(ii) Inclement weather to verify inability to carry out work within the specified time frame.

(iii) All maintenance activities including and not limited to watering, fertilising, *Invasive Plant* and pest control, and plant replacements.

(h) Provide written certification that all replacement plant material is true to the required species and type.

(i) Ensure the general appearance and presentation of the landscape and the quality of plant material at date of practical completion is maintained for the full *Planting Establishment Period*.

(j) Maintain existing planting and grass within the landscaped area as specified for the corresponding classifications of new grassland or planting.

(k) Replace failed, dead and / or damaged plants at maximum three-week intervals as necessary throughout the full *Plant Establishment Period*.

(l) Prune the trees and shrubs to the pruning schedule provided with the project landscape *Drawings* and Standard AS 4373.

13.22.1 Fertilising - Establishment Period

(a) Fertilise trees once every two years.

(b) Generally, apply an all-purpose fertiliser of N:P:K (nitrogen : phosphorus : potassium) 10:4:6 at recommended rates. Alternatively apply 12-month slow-release fertiliser at the manufacturer's recommended rate.

(c) Apply all-purpose fertiliser to shrubs annually in two bands and cultivated into the soil 100 mm deep.

(d) Fertilise shrubs and trees in September and March according to their seasonal growth requirement.

13.22.2 Insect and Disease Control - Establishment Period

(a) Evidence of insect attack or disease amongst individual plantings and / or plant material at *Site*, treat until eliminated.

(b) Where required, spray with targeted insecticide, fungicide, or both to eradicate insect attack or plant disease identified at *Site* outside of normal working hours.

(c) Specify the methodology for the frequency and chemicals to be used to control weeds and / or pest species that may be causing plant die-back.

13.22.3 Stakes and Ties - Establishment Period

(a) If plants are unable to be self-supporting or if stakes are damaged, stake or re stake the plants as follows:

(i) Drive three hardwood stakes, placed obliquely with the first stake on the opposite side to the prevailing winds.

(ii) Large plants are not to be single staked.

(b) If plants are robust with well-developed systems and are strong enough to no longer require support, remove the stakes and ties.

13.22.4 Ground Maintenance - Establishment Period

(a) Remove litter and fallen branches prior to mowing.

(b) Mow grass consistent with the growth habit of the grass variety and maintain grass height at 25 mm to 40 mm throughout the year.

(c) Do not mow grass under wet weather conditions.

(d) Remove grass clippings from *Site*.

(e) Topdressing material for established turf or grass seeded areas, is to be *Invasive Plant* free imported sandy topsoil applied to a depth of 5 mm.

(f) Topdressing material for remediation of depressions or irregularities is by applying coarse or medium soil to Standard AS 4419 and is suitable for application to turf or grass seeded areas.

(g) Apply lawn fertiliser at the completion of the first and last mowing of the *Plant Establishment Period*, and at other times as required to maintain healthy grass cover.

13.22.5 Watering - Establishment Period

(a) Watering of all plantings, lawn areas and trees within the landscaped area is to occur.

(b) Water quality is to comply with the following specification as a minimum:

(i) pH between 5.5 and 7.5.

(ii) Total soluble salts less than 1000 mg / litre.

(iii) No substances that would be toxic to plant growth.

(c) Program a minimum of three complete watering events, soaking to a depth of 150 mm at fortnightly intervals for the first 6 weeks of plant establishment irrespective of natural rainfall. Confirm soaked depth and record result.

(d) Comply with water restrictions, by coordinating the water supply and confirm the watering regime against *Authority* (local, state and territory government) legislation and restrictions at the time.

(e) Water all lawn and planting areas, by soaking to a depth of 150 mm for lawn and 300 mm for planting. Avoid frequent dampening of the surface. Allow the surface of the soil to partially dry out between watering events.

(f) Specify methodology to be used for watering, for example, water truck or irrigation system.

(g) If using a water truck a watering program is to be developed that takes into account recent rainfall, for example there is no need to water when ground is already saturated.

14 Procedure - Herbicide Application

14.1 Herbicide Application - General

(a) Before the distribution of any *Herbicide*, the *Service Provider* / *Operator* is to confirm the status of the *Site* / location and whether it is an *ACDC* Act regulated area, by checking the *Site* / location on the Queensland Government *ACDC* area map interactive web site [Agricultural Chemicals Distribution Control (*ACDC*) Atlas] and record the regulated area data provided from the web request for later retrieval and reference if required.

(b) For all *ACDC* Act Regulated *Hazardous areas* and Queensland National Parks and State Forests and Reserves (under the Code of Practice - Maintenance of Electricity Corridors in Queensland's Parks and Forests); *Herbicide* applied by or under the direct supervision of a Licensed Commercial *Operators* in accordance with the *Laws* including the Agricultural Chemical Distribution Control Act and Regulation (Qld) and reporting requirements therein. (A Licensed Commercial *Operator* means a person who holds a commercial *Operator's* licence issued under the Agricultural Chemical Distribution Control Act Qld and is in force at any time *Herbicide* application is occurring.)

(c) For all *ACDC* Act Regulated areas and *ACDC* Act Excluded (non-regulated) areas outside of Queensland National Parks and State Forests and Reserves; *Herbicide* applied by a *Competent Person* in accordance with the *Laws* including the Agricultural Chemical Distribution Control Act and Regulation (Qld) and reporting requirements therein.

(d) The Licensed Commercial *Operator* or the responsible *Competent Person* is present at the *Worksite* for the whole of the distribution of the *Herbicide* that is during the preparation, application to *Vegetation*, cleaning up (including disposal of any excess chemical) and maintenance of spraying plant and equipment.

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(e) The Licensed Commercial *Operator* or the responsible *Competent Person* is to ensure the safety of themselves, co-workers and public at all times during any tasks associated with the handling, transport and use of particular *Herbicide Treatment*.

(f) Pay particular attention to prevailing meteorological conditions, immediate environmental concerns and to preserving integrity of non-target species of *Vegetation*. Ensure drift and environmental contamination is prevented / minimised.

(g) Ensure *Herbicide*s are not applied to *Vegetation* near to or on *Hazardous Areas* (without holding a distribution permit and complying with the distribution permit conditions) or certified organic farmland and chemical-free properties and land (e.g., Cattlecare, HACCP and other quality-controlled properties) where contamination of the crops or farmland could occur, and livestock could be injured.

(h) Comply with provisions of the particular *Herbicide*'s Safety Data Sheet at all times and be aware of hazards involved in (and not limited to) transport, handling, diluting in liquid and spraying *Herbicide*s.

(i) When *Herbicide*s are being used, tasks carried out efficiently with an awareness of hazards and sensitivity of public.

14.2 Transport of Herbicides

Transport *Herbicide* in accordance with the *Laws*, product label and Safety Data Sheets.

14.3 Storage of Herbicides

(a) Provide secure storage facilities for *Herbicide* used to control *Vegetation Regrowth*.

(b) Storage of *Herbicide*s complies with the requirements of the *Law*s including Chemical Usage (Agricultural and Veterinary) Act (Qld) and the advisory Standard "Storage and use of Chemicals in Rural Workplaces".

14.4 *Access* in Private Property

(a) Contact and advise the *Landholders* or *Occupiers*, of proposal to chemically treat *Vegetation* on their property so that specific treatments can be finalised with the *Landholder* or *Occupier* prior to *Services* being planned / organised by the *Operator*. (Areas of certified organic farmland and chemical-free properties and land (e.g., Cattlecare, HACCP and other quality-controlled properties) or *Hazardous Areas* may require limitations being placed on treatments that can be used and land that can be treated by spraying or other methods of application).

(b) Contact all *Landholders* or *Occupiers* of affected properties, use the *Landholder* or *Occupier* permission form and provide 7 *Business Days'* notice of intentions to commence *Herbicide Treatment*. Obtain completed *Landholder's* or *Occupier's* permission, signed by *Landholder* or *Occupier* before any *Herbicide Treatment* can commence. These forms are to be returned with monthly invoice. Carry out the *Herbicide Treatment* within 20 *Business Days* of notice being provided to *Landholder* or *Occupier*.

(c) *Service Provider*s, where permission is not given by the *Landholder* or *Occupier*, arrange an alternate solution in the first instance; otherwise immediately notify the *Energy Queensland Officer* so that alternate treatment can be negotiated by *Energy Queensland*.

(d) Leave gates in an "as found" condition unless directed in writing by the *Landholder* or *Occupier*.

14.5 Hazardous Areas, State Forests, National Parks, Vegetation Protected By Vegetation Protection Orders (VPOS)

Determine if any of the areas to be treated are in a declared "*Hazardous Area*", a State Forest, and National Park, subject to a *Vegetation* Protection Order (VPO) or other restrictions under the *Law*s including the Nature Conservation Act. Determine the requirements / restrictions that apply and ensure requirements of any Codes and *Law*s including the Agricultural Chemical Distribution Control Act and Regulations (Qld) are complied with.

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14.6 Control of Invasive Plants (Weeds)

Use all reasonable and practical measures to minimise spread of *Invasive Plants (Weeds)* and comply with requirements of Clause 8.6 of the *WCS*133.

14.7 Environmental Criteria

When using chemicals, environmental considerations are extremely important, and ensure adherence to set criteria below:

(a) Only chemicals approved for use on targeted species and within the field environment in which they are required to operate on *Energy Queensland Overhead Conductors* and supporting infrastructure corridors and *Access* tracks can be used by suitably commercial licensed and qualified employees (*Operators* or Subcontractors).

(b) When engaged to conduct *Herbicide Treatment*, *Service Provider*s' chemicals are NOT permitted to be stored at *Energy Queensland* sites.

(c) All chemicals used, acceptable to the *Authority* administering the area and used in strict accordance with manufacturer's requirements and if established, any additional requirements required by *Authority* or *Energy Queensland*. Records of which chemical used, and areas treated, documented, and maintained in accordance with *Law*s and as part of project / contact documentation.

(d) Disposal of any waste chemical or control of any chemical spill, in strict accordance with the *Law*s and manufacturer's (generally detailed in the *SDS*) and *Authority* requirements.

(e) Immediately report to *Energy Queensland Officer,* any spill that does or has potential to result in environmental nuisance or harm being caused.

(f) Near to or on certified organic farmland and chemical-free properties and land (e.g., Cattlecare, HACCP and other quality-controlled properties), apply *Herbicide*s to *Vegetation* with extreme caution ensuring contamination of crops or farmland and injury to livestock by spray drift does not occur.

14.8 Application

(a) Fit appropriate signs to vehicles to alert other traffic when applying *Herbicide*s from a moving vehicle.

(b) *Herbicide*s considered for use subject to the reviewing of their *SDS* sheets for their specific applications (targeted species and the field environment in which they are required to be applied).

(c) Select and apply *Herbicide* that achieves a 95% kill-rate over a minimum of 12 months.

(d) Read the label and apply *Herbicide* at correct application rate, in optimal weather conditions and using correct application method / equipment.

(e) Properly maintain and correctly calibrate equipment. Maintain all spray equipment in a leak free condition.

14.9 Methods of Application

14.9.1 Foliar Application

(a) Foliar application can be used on *Vegetation* and the application is to be directed at the target, to the point where it runs off. The selectivity of the foliar spray technique is achieved through application to the non-desirable species while not applying to desirable (or low growing) species or by the use of species selective *Herbicides*.

(b) Apply the *Herbicide* in strict accordance with chemical manufacturer's specification for application including any addition of *Surfactant* (wetting agent).

14.9.2 Distribution of Ground Application Herbicide

(a) Ground application *Herbicide* can be used on *Vegetation* where weeds are growing (usually on grazing land). This treatment becomes effective after sufficient rainfall has occurred to move the chemical into the root zone where it is absorbed by plants.

(b) Ground applied *Herbicide* should not be applied in the following situations (if required seek direction from the *Energy Queensland Officer*):

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(i) Salt or *Erosion* prone areas.

(ii) Within 100 metres of a recognised *Watercourse*.

(iii) On land with a *Slope* greater than 20% (11 degrees).

(iv) Under conditions which will cause pellet movement to non-target areas during application.

14.9.3 Special Requirements for Herbicide Use

(a) Near Creeks, Dams, Sensitive Crops and Other Sensitive Areas (e.g., Paddocks Containing Livestock) – Trees or sapling *Regrowth* to be treated near creeks, dams, sensitive crops, and other sensitive areas with a suitably registered *Herbicide*, or as otherwise agreed by the *Landholder* or management agency.

(b) Certified organic farmland and chemical-free properties and land (e.g., Cattlecare, HACCP and other quality-controlled properties) property owners and *Operators* will need to liaise where *Herbicides* are to be used. *Herbicides* will be used in accordance with label and *SDS* requirements.

(c) Use of residual *Herbicides* [remain active in the soil for an extended period of time (months) and can act on successive weed germinations] needs to manage potential movement of the *Herbicide* into sensitive or adjoining areas.

14.10 Worksite Documentation for Herbicide Treatment

At all times, provide at the *Worksite*, the following documents (**as amended from time to time**):

(a) "Regulations and Code of Practice for Management of Hazardous Substances at Workplace", issued by Work Health and Safety Queensland.

(b) The Unrestricted Commercial *Operators* Licence issued under the licensing provisions of the Agricultural Chemicals Distribution Control Act (*ACDC*).

(c) *SDS* of every *Herbicide* being used or being transported / stored on vehicle.

(d) Product labels for particular *Herbicide* being used (Manufacturer's instructions).

(e) Record details in accordance to Section 26 of the Agricultural Chemicals Distribution Control Act for example, location of treatment site, date and time, *Herbicide* used and application rate, *Vegetation* treated and meteorological conditions.

(f) Equipment operating and maintenance manuals for the equipment being used.

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15 Design and Minor Rural New Construction Clearing and *Access* Tracks

15.1 Design and Minor Rural New Construction - General

(a) This Section 15 provides for the clearing (green field) of the routes of proposed overhead power lines in rural areas; the heaping of fallen timber and *Vegetation* along the routes, the provision of *Access* tracks along the centreline / route(s) and from existing public roadways or property *Access* roads and the provision of *Access* gates. *Vegetation* clearing profile(s) *Access* Track(s) nominated on the Site-specific route plan(s) or Construction Issue Plan(s) distributed for identification of route and the extent of the clearing. It is not applicable to clearing and removal of *Vegetation* on existing lines. Section 15 is NOT for specification is not for High-Risk Works. Refer Back to *WCS* 1.5

(b) The specific requirements for clearing of *Vegetation* at green field Site(s) required under Section 15 of this Specification includes:

(c) Clearing of *Vegetation* to the nominated profile including removal by machinery, hand felling and chemical treatment of trees, and the treatment of nominated *Marginal Trees* along the route as directed.

(d) Where identified in the Site-specific Environmental Management Plan, the burning of timber heaped along the Overhead Conductor (powerline) route.

(e) Removal of timber from Site for disposal, where nominated on the Site-specific *Drawings* [route plan(s) or Construction Issue Plan(s)].

(f) Clean up and reinstatement of the Worksite as necessary to the satisfaction of the Authority or *Landholder*(s) and the *Energy Queensland Officer*.

(g) The provision of *Access* tracks suitable for traffic by pneumatic tyred conventional two-wheel drive vehicles and articulated vehicles.

15.1.1 Risk Management

(a) Level 1 Projects – *Access* tracks and land *Stabilisation* and rehabilitation construction and maintenance projects of high complexity and /or high estimated expenditure with requirements for working in environmentally and / or culturally sensitive areas. Where the *Service Provider* will generally be engaged as the Principal *Service Provider* for the works. Often involving multiple stages and with requirements for working in conjunction with other electrical infrastructure construction and maintenance. The degree of construction complexity may require direct specialist environmental or cultural and / or civil engineering input and assessment (e.g., new construction or extension to existing *Access* tracks, land *Stabilisation* and rehabilitation, *Watercourse* crossings, point or distributed load bearing construction of pads, civil construction in areas with surface water and water flow management issues.)

(b) Level 2 Projects – *Access* tracks and land *Stabilisation* and rehabilitation construction and maintenance projects of medium complexity and / or medium estimated expenditure that may involve minimal multiple staged works with minimal requirements for working around and in environmental and cultural heritage sensitive areas (e.g. new minor construction or extension to existing *Access* tracks, installation and maintenance of construction pads, existing *Infrastructure Drainage* and *Access* track drainage maintenance).

(c) Level 3 Projects – *Access* tracks and land *Stabilisation* and rehabilitation construction and maintenance projects of low complexity and / or low estimated expenditure with no requirements for working around and in environmentally and / or culturally sensitive areas, (e.g. gate installation and maintenance, grading and patch repair of existing *Access* track spots).

15.2 Main Specification to Take Precedence

Where a Main Specification accompanies this specification and differs from this specification, the Main Specification shall take precedence.

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15.3 Identification of Route and level of Clearing

Route plans or construction plans for the power line are included, with selected structure positions of existing and proposed power line/s (where applicable) clearly marked. Plans include details of the clearing Profile which applies to the various sections of the clearing and *Access* works. The attached *Environmental Plan* details specific clearing standards / methods and *Access* works to be taken (if any) in identified areas along the route and these take precedence over the requirements of this Specification.

15.4 Scope of Works

Works required under this Specification include:

(a) Clearing to the nominated profile including removal by machinery, hand felling and chemical treatment of trees, the treatment of flagged trees and felling or directional pruning of *Marginal Trees* as directed.

(b) The provision of *Access* tracks suitable for traffic by pneumatic tyred conventional two-wheel drive vehicles and articulated vehicles.

(c) The heaping or removal of fallen trees and other *Vegetation* to the specified requirements.

(d) Removal of timber from site for disposal, where nominated on the *Drawings*.

(e) Stacking of commercial and useable timber.

(f) The installation of *Access* gates in existing fences were shown on the *Drawings* and as nominated by the *Liaison Person*.

(g) Clean up and reinstatement as necessary to the satisfaction of Landholders and the *Liaison Person*.

15.5 Marking of Line Route

The actual Overhead Conductor (powerline) route to be cleared will be shown on a Construction Issue Plan or route plan or a detailed sketch endorsed for use by the *Energy Queensland Officer*. *Energy Queensland* may establish infrastructure locations (for example pole positions) beforehand or alternatively the line route including infrastructure locations will be clearly conveyed by the *Energy Queensland Officer* to the *Service Provider* / *Operator*.

The centreline of proposed power lines will normally be marked by pegs. Structure and stay pegs may also be marked. Offset finder stakes may also be used to show the limits of the clearing.

Marginal Trees: All trees outside the cleared corridor, within the Risk Management Zone, any part of which could fall to within the following safe distances from the centreline of the power line, unless otherwise specified:

- 132kV 3.0 metres;
- 66kV 2.5 metres;
- 33 kV, 22kV or 11kV 2 metres;
- 19.1kV, 12.7kV or 11kV Single Wire Earth Return (S.W.E.R.) line 1 metre;
- Low Voltage line 1.5 metres.

These trees will be flagged/marked with fluorescent pink tape or paint prior to the commencement of work and the cost of treatment of these trees will be included in the scope of the work.

15.5.1 *EMP*/*EWP*/SPRMP (including Cultural Heritage)

Where a project has an area or particular item identified that requires special consideration then it shall be noted on the *Environmental Plan* or SPRMP. These items will also be flagged/marked, unless otherwise stated on the *Environmental Plan* or SPRMP, with Blue tape or paint beforehand by the Designer, *Liaison Person*, Environmental Representative, Cultural Heritage Officer or *Energy Queensland* Representative.

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15.6 Details of requirements for Clearing

The clearing profile for the *Vegetation* clearing at green field Site(s) is either full width or narrow width profile in accordance with the requirements of the provided *Drawings* (Construction Issue Plan or route plan) for the nominated Overhead Conductor (powerline) route, and the Environmental Management Plan and the Cultural Heritage Management Plan as specified, unless directed otherwise in writing by the *Energy Queensland Officer.*

Clearing to the narrow width profile cannot proceed without a completed written approval being provided. The written approval is to be endorsed (signed) by the Regional Asset Manager, Environmental Manager, and Community Liaison Manager, and approved (signed) by the *Vegetation* Specialist.

Where a Main Specification accompanies this specification and differs from this specification, the Main Specification shall take precedence.

15.6.1 Requirements Track and Clearing Requirements - General

The overriding principle is to reduce the extent of bare earth and topsoil disturbance and to encourage low growing *Vegetation* that does not impact on line clearances and *Access* areas. Clearing by chain saw or by using slashers, mega mulchers or groomers that minimise soil disturbance are preferred. Machine clearing methods using the front mounted stick-rake may be used for *Vegetation* clearing works on larger projects. Large rubber tyred articulated machines are preferred to minimise soil disturbance and maintain grass and shrub ground cover where practicable. The method used for clearing each section of line shall be agreed and specified before work commences. Provision is required for a follow up *Herbicide* application to regrowth approximately 3 – 6 months after any mechanical clearing technique to ensure effective control of *Vegetation*. These areas will be identified on a plan at the completion of the initial clearing to assist the *Herbicide* applicator.

Remove all stumps within the width nominated in the clearing profile, with the following exceptions:

- The banks of *Watercourse*s.
- Terrain which is too steep or inaccessible for Machine Clearing.
- Areas subject to *Erosion* or where danger of *Erosion* exists.

beyond 5 metres each side of the centreline, stumps of large trees (approx. 400mm diameter) away from the centreline clearing required for conductor stringing may remain if cut off at stump height (1.0 metre to 1.2 metres above ground) and treated with *Herbicide* as specified in subsection 14.1.

There should be no remaining stumps within 3 metres of the centreline to ensure that line stringing and future maintenance *Access* is not impeded.

Fill all large holes and other damage to the ground surface created by the clearing activities with soil from the adjacent disturbed area and leave the surface generally in such condition as to present no hazard to livestock, vehicles, or horsemen.

Felled trees and other *Vegetation* shall be removed from any firebreak, fence line or *Access* track and from the firebreak between standing timber and the heaps stacked along the power line and shall not be left caught-up in or leaning on any standing timber.

Shade or ornamental trees and wind breaks may require special treatment as directed on-site by the *Landholder* and the *Liaison Person*.

Fire shall not be used by the *Service Provider* as a clearing tool. Any use of fire shall be authorised beforehand by the *Liaison Person* and necessary permits obtained as required under Fire and Rescue Authority Act.

15.6.2 Clearing Width

(a) For Rural *Vegetation* Zones, the nominated corridor clearing width on each side of the route centreline for the relevant Overhead Conductor (powerline) type and voltages is provided in the Table L-1 and Table L-2 below. For Urban *Vegetation* Zones the nominated corridor clearing width on each side of the route centreline for the relevant Overhead Conductor (powerline) type and

voltages is provided in *WCS*1.6, Appendix A -*Vegetation* Management Profiles, Figure A1 - Profile for Urban Area Powerlines.

(b) These nominated corridors clearing width are restricted to the initial clearing of *Vegetation* at green field Site(s) along the nominated Overhead Conductor (powerline) route to gain *Access* for further works (for example, Overhead Conductor (powerline) construction), and all other clearing of *Vegetation* at green field Site(s) in the Overhead Conductor (powerline) corridor(s) is to be in strict accordance with Appendix A - *Vegetation* Management Profiles, of *WCS*1.6.

(c) This nominated corridor clearing width may be varied, and is dependent on the local geographical conditions, for example the *Vegetation* species and mature height of trees, climate and topography of the Site and in accordance with the Site-specific Environmental Management Plan.

Table L-1 – Rural *Vegetation* Zone - Corridor Clearing Widths - Bare Overhead Conductor

Line Voltage	Clearing Width on each side of the centreline
132kV	20 metres
66kV	15 metres
33 kV, 22kV or 11kV	10 metres
19.1kV, 12.7kV or 11kV Single Wire Earth Return Line	7.5 metres
Low Voltage Open Wire Line	5 metres

Table L-2 – Rural *Vegetation* Zone - Corridor Clearing Widths - Aerial Bundled Cable and Covered Conductor

Line Voltage	Clearing Width on each side of the centreline
33 kV, 22kV or 11kV	3 metres
Low Voltage ABC Line	1.5 metres (The clearing width may be extended to 3 metres on one side where vehicular *Access* is required)

15.6.2.1 Full Width clearing

The clearing profile is to be in accordance with, *WCS*1.6 -*Vegetation* Management Profiles, Appendix A , Figure A2 - Profile for Rural Area Powerlines detailing the nominated clearing width distance either side of the centre line (DFCL) that is applicable for the specified Overhead Conductor (powerline) voltage.

Marginal Trees are to be treated as directed by the *Energy Queensland Officer*.

Marginal Trees are flagged / marked with fluorescent pink tape or paint and the specific *Vegetation* management requirements will be stated on the Site-specific route plan(s), Construction Issue Plan(s) and / or in the approved clearing instructions provided by the *Energy Queensland Officer.*

At infrastructure positions along the Overhead Conductor (powerline) route the clearing width either side of the centre line may need to be increased to allow the *Access* track to be divided and permit vehicles to drive each side of the infrastructure position for construction and maintenance activities to occur.

15.6.2.2 Narrow Width Clearing

The clearing profile is to be in accordance with *WCS*1.6 - *Vegetation* Management Plan, Appendix A - *Vegetation* Management Profiles, Figure A2 - Profile for Rural Area Powerlines.

At infrastructure positions along the Overhead Conductor (powerline) route the clearing width either side of the centre line may need to be increased to allow the *Access* track to be divided and permit vehicles to drive each side of the infrastructure position for construction and maintenance activities to occur. An *Access* track is to be prepared which is trafficable by conventional 4-wheel drive vehicles and also articulated heavy

vehicles, as per *Access* track standards in Section 9. The location of *Access* tracks will be marked in the field before commencement of clearing.

At structure positions the *Access* track shall divide to allow vehicles to drive each side of the structure to allow for construction and maintenance activities.

15.6.3 Infrastructure Sites

Infrastructure locations may be pegged along the Overhead Conductor (powerline) route.

Even though a narrower width of clearing for the corridor may be specified for areas along the Overhead Conductor (powerline) route, *Complete Clearing* including the removal of all stumps is required at each infrastructure location to allow for the establishment of laydown areas and heavy plant pads for construction and maintenance activities to occur at the Site.

Sufficiently cleared areas of *Vegetation* (including trees) are required for the construction and maintenance of laydown areas and heavy plant pads at each infrastructure location. The radial dimensions of the areas for *Vegetation* (including trees) required to be cleared will be determined by the type of heavy plant and equipment that will need to *Access* the Worksite at the infrastructure location. The radial dimensions of the areas for *Vegetation* (including trees) required to be cleared at each infrastructure location will be specified on the site-specific construction issue plan(s) or route plan(s).

15.6.4 Water Courses, Areas Subject to Erosion, and Steep Terrain

Machine clearing shall not be undertaken within a zone of 10 metres from the banks of any *Watercourse*. Within such zones, hand clearing procedures shall be adopted, and trees felled at stump height. All fallen timber is to be snigged or winched above the flood zone. Pushing or falling of trees and debris into a *Watercourse* is prohibited.

Clear only the minimum amount of *Vegetation* required below the banks of any *Watercourse*. Only *Vegetation* that has the potential to breach safe electrical clearances shall be removed, as directed by the *Liaison Person*.

Areas subject to *Erosion* or in*access*ible for machine clearing, including a 10-metre perimeter, shall be cleared by hand clearing procedures and trees felled at stump height. Every endeavour shall be made to fell all timber into a position that will not concentrate the flow of runoff. The *Liaison Person* shall direct the extent of any additional *Erosion* prevention measures or techniques required. Payment for additional works directed by the *Liaison Person* shall be made at the hourly rates nominated in the Applicable Schedule.

The *Liaison Person* may instruct the *Service Provider* in writing to fell trees in other areas at stump height, at no price variation.

Vegetation cleared by hand is to be cut as close as possible to the ground (<150mm). Higher stumps may be retained if required by the *Landholder*. Felling of trees at stump height shall be by axe or saw, without sharp protrusions being left on stumps.

With the exception of stumps remaining in a *Watercourse*, all stumps must be treated with an approved *Herbicide* in accordance with the manufactures recommended method of application. Stumps remaining in a *Watercourse* are to be swabbed with Roundup Bioactive at the recommended dose immediately after cutting to reduce the potential for regrowth.

15.6.5 Steep Side *Slope*s

Where land *Slope*s steeply across the route of the line (greater than 15 degrees) and no instruction is given on the plans, the *Liaison Person* may direct:

(a) The clearing width be displaced towards the higher side of the centreline and the *Service Provider* shall then clear the full displaced width; or

(b) The clearing width is displaced towards the higher side of the centreline and selective clearing be employed on the lower side of the centreline.

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15.6.6 Deep Gullies

In areas such as deep gullies and valleys where the line conductors will be high above the tops of mature trees, only a portion of the gully may require clearing or no clearing may be required. In these cases, instructions are provided in the *Environmental Plan*. The extent of clearing shall be to the satisfaction of the *Liaison Person*.

15.6.7 Structure Sites (If pegged)

Even though a narrower width of clearing may be specified for a general area, *Complete Clearing* including the removal of all stumps is required at each structure site to allow for construction and maintenance activities.

Unless shown otherwise on the *Drawings* or directed otherwise by the *Liaison Person*, the following clearing is required:

(a) On Road Easements – the felling or Directional Pruning of trees and other *Vegetation* as directed by the *Liaison Person*

(b) All Other Locations – clearing and levelling of the following size, centred about the structure location:

• 66kV line	900 square metres (30mX30m)
• 33kV, 22kV or 11kV line	400 square metres (20mX20m)
• 19.1kV or 12.7kV Single Wire Earth Return	225 square metres (15mX15m)
• Low Voltage line	100 square metres (10mx10m)

15.6.8 Clearing Works Required Outside the Defined Clearing Width

The *Service Provider* shall fell, or directional prune as directed, *Marginal Trees*, irrespective of the direction in which they may at present be leaning.

Trees and other *Vegetation* felled outside the defined clearing width shall be removed from any firebreak, fence line or *Access* track and from the firebreak between standing timber as described in subsection 8.2.

15.6.9 Clearing on Roads, State land and Freehold land

On main roads and local authority roads, preservation of trees is required where possible. Subject to the relevant Authority's requirements, the *Liaison Person* may direct particular trees and other *Vegetation* to be felled or directionally pruned.

(a) Main Roads

The *Service Provider* shall comply with the conditions of the agreement granted to Ergon Energy by the Department of Main Roads for clearing works along Highways.

(b) Local Authority Roads

The *Service Provider* shall comply with the conditions of the agreement granted to Ergon Energy from a Local Authority to clear along roads under their jurisdiction.

(c) State Controlled Land

Timber on roads and certain leasehold land and reserves etc. remains the property of the Crown. The *Service Provider* will comply with any specifications and directions regarding the salvage and disposal of merchantable timber provided to Ergon Energy by the responsible State Government Agency. (DERM, DPI or Main Roads)

(d) Freehold Land

The *Service Provider* shall comply with the conditions of the permit granted to Ergon Energy from the Department of Environment and Resource Management for clearing on freehold land where required in accordance with the Sustainable Planning Act and the *Vegetation* Management Act.

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The *Liaison Person* will reinforce with the *Service Provider* the requirements of relevant Authorities, contained in permits or authorisations.

15.6.10 Heaping or windrowing (if agreed by the land holder)

Gather together all fallen timber including *Marginal Trees*, branches, scrub, undergrowth, and combustible material resulting from the clearing operation together with any leaf litter and logs, and stack in neat compact heaps (compressing the heaps after stacking). Stick rakes or other approved equipment shall be used to minimise ground surface disturbance and soil content in the heaped material. Trunks, tops, limbs, and roots shall be trimmed, and the heaps formed parallel to the centre line clear of all road works, drains, *Watercourse*s, banks, fences, gates, or structures.

Locate heaped material clear of power lines and at least 10m clear of all drains and *Watercourse*s or their flood banks, to prevent obstruction to water flow. Stacking shall be carried out in such a manner that any flow of water shall not dislodge the heaps. Where practicable, without contravening any other provision of this Specification the heaps should be located on the lower side of the centre line only, and where any danger of flooding exists the heaps shall be located on the downstream side of the centre line and any structure.

Heaps shall not be in a continuous unbroken line but shall be not more than 20 metres long and 3 metres high, with 5 metre gaps provided between heaps to permit the passage of stock and vehicles. The heaps shall be left in such a way that burning may be carried out without further stacking and without danger to any adjacent property or to the overhead power line.

A definite fire break shall be required between the heaps and standing *Vegetation*, the gap distance to be determined in consultation with the property owner. The *Service Provider* shall liaise with the *Landholder* for any special instructions regarding *Access* to the site before clearing work commences on the property.

All large loose stones, rocks or boulders shall be moved to the edge of the cleared area, or to specific positions within the cleared area as directed by the *Liaison Person*. Location of all heaps of rubble is subject to the approval of the *Liaison Person*.

15.6.11 Preservation of Timber of Commercial Value

The *Service Provider* shall trim any logs of commercial value to currently accepted standards and any other timber required by *Landholder*s for their own use and leave neatly and compactly stacked. Locate clear of the centre track, power lines and clear of heaps of fallen timber, to the approval of the *Liaison Person*.

15.6.12 Trimming or Pruning of Remaining Trees

Where trees are to be retained and pruned, the pruning shall be carried out to AS 4373 Pruning of Amenity Trees. The Standard details techniques that reduce the risk of hazard development, branch failure, fungal infection, or premature tree death. The procedures in the Standard are based on the widely accepted theories of compartmentalisation of decay in trees.

15.7 *Access* Tracks

15.7.1 *Access* Tracks - General

The *Service Provider* shall provide vehicular *Access* to the whole line route, with additional *Access* tracks from existing public roadways or property *Access* roads where detailed on the *Drawings* and marked in the field. Designated avoidance areas such as Cultural Heritage sites, steep *Slope*s or riparian zones shall also be marked in the field. *Access* track location and construction shall be in accordance with WSC 1.5. *Access* Tracks Construction Standards and Specifications

The centre line *Access* track shall be as straight as practical, and generally follow the power line centre line for the entire line route except in areas of cultivation and where, because of steep *Slope*s, impassable creeks or other obstructions, the track would not be trafficable by conventional four-wheel drive pneumatic tyred vehicles and articulated vehicles. At structure positions the track shall divide to allow vehicles to drive each side of the structure to allow for construction and maintenance activities.

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Construction of *Access* tracks shall be finished by power grader or by bulldozer blade where an adequate travel surface standard to the satisfaction of the *Liaison Person* can be achieved. Every effort shall be made to preserve existing grass cover and no windrows of soil or debris are to be left on the lower side of the track or across drainage lines. Drainage is to be directed away from the centre line of the route.

Access tracks shall be free of stumps, stakes, timber, protruding rocks, holes, or any unevenness which could restrict the progress of vehicles along the route during construction, patrol, or maintenance of the power line. In addition, overhanging branches shall be removed up to 5 metres above tracks to provide clear *Access* for vehicles. Table 3 details the minimum standard for construction of *Access* tracks constructed under this specification.

The *Service Provider* is responsible for ensuring that existing *Access* tracks are adequate and safe for use by all users during the course of the clearing works, and is responsible for upgrading if required, at no cost to Ergon Energy. All *Access* tracks and crossings shall be maintained in a good trafficable condition, and where damage is caused by activities of the *Service Provider*, reconstructed as necessary on completion of works. Such maintenance and reconstruction shall be to the satisfaction of and at no cost to *Energy Queensland* Energy.

15.7.2 *Access* Track Standards and Specifications

Table 3: Access Track Standards and Specifications

Design parameter	Standard
Formation	Crowned with cross fall of 1-3 degrees on ridge top or flat ground Out *Slope*d with 1-3 degrees outfall inside cut locations
Pavement surface	Natural weathered surface with *Patch Gravelling* on clay soils to improve traffic-ability. The desirable surface is short grass to minimise *Erosion*.
Pavement width	2.8 metres minimum, 4 metres maximum
Shoulder width	0.6 metres
Clearing width for track, if track is away from powerline easement	1 metre either side of earthworks (track formation)
Maximum gradient	10 degrees but may be steeper where construction results in less disturbance and the surface provides good traction.
Formation in Wet Tropics, National Parks, and State Forest	3-metre-wide formation. 4-metre-high to *Vegetation*.

15.7.3 Gullies and Watercourses

Where the *Access* track crosses gullies or *Watercourse*s the *Service Provider* shall make the approaches so that, as far as possible, no scouring will occur during flooding or heavy rain. Where cutting is required, a wide mound of earth (*Whoa-boy*) should be left at the head of the cutting to prevent runoff water being funnelled into the cutting. Crossings should neither be built up above nor undercut below the bed of the *Watercourse* or gully at the crossing. Placing of logs, stones, pipes, etc. is generally not required. If the *Watercourse* or gully is such that, in the opinion of the *Liaison Person* a track constructed across it would not be or remain trafficable, then no track shall be provided. If clearing or *Access* tracks impact on the bed or banks of a *Watercourse*, work should be conducted under the conditions of a Riverine Protection Permit issued under part 8 of the Water Act.

In such cases an *Access* track not nominated on the plan may be required around the obstacle and advised in writing by the *Liaison Person*.

15.7.4 Steep Terrain

Where the *Access* track must be located off the contour or directly down a *Slope*, the grade of the track should not exceed 10 degrees. When the natural *Slope* is over 10 degrees, the track may be cut around the

side of the hill or ridge to gain extra length to achieve the required grade. In areas of side *Slope* where cutting is required, the track shall be constructed with a slight out *Slope* so that runoff water discharges along the full outer edge of the track, as per table 3.

15.7.5 Drainage Control

'*Whoa-boys*' (earth mounds) shall be constructed on tracks of 6% (1 in 16) (3.5 degrees) or greater *Slope* to prevent water flowing along the track. The height of '*Whoa-boys*' should be approximately 300mm (compacted) and the spacing in metres along the track may be calculated by using the formula:

200 / % Grade

For example: On a 10% grade, '*Whoa-boys*' would be 20 metres apart.

On small grades, '*Whoa-boys*' should be constructed from the downhill side with either a grader or bulldozer, so the topsoil and *Vegetation* on the uphill side of the mound remains undisturbed. On steep grades, '*Whoa-boys*' may be constructed from the uphill side provided the soil is collected gradually so as not to leave a deep gutter next to the mound. All '*Whoa-boys*' shall be rolled with the wheels or tracks of the machine to help stabilise the newly constructed mound.

Where required, discharge drains shall be constructed from the lower end of '*Whoa-boys*', extended where necessary to discharge onto a stable vegetated area, and also to prevent runoff water flowing onto other sections of the *Access* track.

Where earth is excavated to construct benching for crane operations on steep sites topsoil from the excavation shall be stockpiled and spread over the banks to encourage *Stabilisation*, to enable future use of the benching by maintenance plant. Provision may be made for *Stabilisation* of these disturbed sites with grass seed or other recognised soil *Stabilisation* techniques, to be nominated in the Main Specification.

15.8 *Access* Gates

The *Service Provider* shall install *Access* gates of the size and style nominated in either the *Drawings* or in the Main Specification, along the route of the power line. Gates, posts, and fittings shall be supplied and delivered by *Energy Queensland* to a single site along the line route to be agreed beforehand by the *Liaison Person* and the *Service Provider*.

Installation includes cutting of the existing fence and removal of posts where necessary, the piecing, re-tensioning, and retying including repair, if necessary, to restore the fence to as good as or better condition as existed prior to the erection of the gate.

15.9 Additional Works and Variation of Clearing

The *Service Provider* shall undertake such additional clearing and *Access* works not provided for in the previous sections, as may be directed by the *Liaison Person* in writing during the course of the contract, under the terms and conditions of the Specification. Payment for such works shall be at the rates tendered in the applicable Schedule.

15.10 Damage to Property

15.10.1 Damage to Property - General

For the purpose of clearing and *Access* work this clause shall take precedence over the 'Damage to Property' clause in other Standard Specifications.

The *Service Provider* shall plan and carry out the work under this specification in such a manner as to minimise the occurrence of damage to or loss of any property, improvements, services, livestock, poultry, cultivation, crops, etc. Any such damage or loss (including time spent searching for straying livestock, payment of pound fees, etc.) caused by the *Service Provider* or plant shall be at the expense of the *Service Provider* and shall be immediately repaired, replaced, or otherwise rectified by the *Service Provider* to the satisfaction of the *Liaison Person* and *Landholder*.

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Failing restoration of damaged property or payment of adequate compensation to the injured party, the *Service Provider* shall indemnify Ergon Energy against all actions, proceedings, claims, demands, damages, penalties, costs, charges, and expenses of any description in respect of or arising out of such damage.

15.10.2 Improvements and Services

The *Service Provider* shall be responsible for locating and avoiding damage being caused to water mains, cables, drains, culverts, roads, grids, bridges, power lines, telephone lines and other improvements or services.

15.10.3 Fencing and Gates

Gates and fences shall be kept stock proof at all times, and timber shall be felled and disposed of so that damage to fencing or gates is avoided. No timber or debris shall be left lying on or adjacent to any fence or gate. Any damage caused to fencing or gates shall be immediately repaired to the satisfaction of the *Liaison Person* and the *Landholder*. If the *Service Provider* requires removing fences to obtain working space, the *Service Provider* shall immediately provide and install, at no cost to *Energy Queensland*, suitable temporary stock-proof fencing of sound construction to the satisfaction of the *Liaison Person* and the *Landholder*.

Gates shall be left as found and where closed shall be closed and fastened immediately after ingress or egress. All temporary fences or gates shall be removed by the *Service Provider* immediately they are no longer required, and the original fence shall be restored by the *Service Provider* to the satisfaction of the *Liaison Person* and the *Landholder*.

15.10.4 Hedges and Other Barriers

Other than work agreed to by the *Liaison Person* and *Landholder*, any damage to hedges and other barriers between properties or paddocks within properties shall be immediately rectified by installation of a suitable fence at the expense of the *Service Provider* and to the satisfaction of the *Liaison Person* and *Landholder*

15.10.5 Crops and Cultivated Areas

The *Service Provider* shall ensure that the work under this Specification is carried out in such a manner that damage to cultivated areas and crops, including pasture grass and fruit trees, is kept to a minimum. In levelled cultivated areas no *Access* track dozing or grading shall be required. Where possible, *Access* tracks shall be located to avoid such cultivated areas, crops etc., and vehicles and plant shall travel around and not through such areas except when necessary to carry out actual work within their confines.

Any damage or loss caused by the *Service Provider* or *Service Provider*'s plant to cultivate areas and crops etc., which in the opinion of the *Liaison Person* could reasonably have been avoided, shall be at the expense of the *Service Provider*.

15.11 Obstructions to Roads & Bridges

Any obstructions to roads, bridges, tracks, *Watercourse*s, dams that prevent normal *Access*, caused during clearing shall be removed immediately, and the original conditions restored without delay.

15.12 Straying Livestock

The *Service Provider* at all times shall be entirely responsible for ensuring that livestock do not stray on roadways or from their confined pastures due to any fault, negligence or damage caused by the *Service Provider*, or the *Service Provider*'s plant. If any claim shall arise in respect of any livestock which have strayed as a direct or indirect cause of any work performed by or on behalf of the *Service Provider*, then such claim shall be the responsibility of the *Service Provider*, whether such claim arises during the execution of the work or at any later date.

15.13 Permission to enter properties

Where work is to be carried out on private property *Energy Queensland* will obtain an easement, a wayleave or alternatively "Consent to Enter" before work is commenced. On major projects a schedule setting out the

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real property description of all land to be crossed by the power line, together with any special requirements of the *Landholder* that are known to *Energy Queensland*, will be provided to the *Service Provider* prior to the commencement of field work.

Before entering any property, the *Service Provider* shall notify the respective *Landholder* of the intention to enter the property for the purpose of carrying out clearing or *Access* works and for ascertaining any additional requirements concerning work on the particular property. Such notice shall be given at least forty-eight (48) hours before commencing clearing or *Access* work on that property.

15.14 Benchmarks & Reference Trees

Before interfering with any marked trees associated with the powerline survey the *Service Provider* shall advise the *Liaison Person* of the intentions. Care should also be taken to avoid disturbance to trees that may have indigenous cultural heritage value (scar trees). Discovery of Indigenous Cultural Heritage and any trees carrying benchmarks. That are required to be removed shall require *Energy Queensland* approval first. They shall be cut one metre above such marks, where practicable, and the cut

must have a *Slope* of 25mm/300mm. After cutting, the exposed end grain shall be protected by a galvanised iron or sheet aluminium cap securely fixed to the stump.

Reinstatement of any marked trees disturbed or removed by the *Service Provider* shall be at the *Service Provider*'s expense.

15.15 Pegs & Survey Marks

The *Service Provider* shall be held responsible for any pegs or survey marks destroyed, removed, or disturbed during clearing operations and shall bear the cost of resurvey where necessary and replacing of such pegs or survey marks, including any survey pegs previously placed by Ergon Energy to indicate the proposed power line. The *Service Provider* shall immediately advise the *Liaison Person* in writing of any pegs disturbed.

15.16 Working in Proximity to Electrical Parts

The *Service Provider* shall ensure that all workers observe the exclusion zones (in most cases, at least 3 metres) prescribed under the Electrical Safety Regulation, and the Code of Practice for Work in proximity to Electrical Parts. All workers shall be treated as untrained persons for exclusion zones purposes unless they have been specifically designated as Authorised Persons pursuant to section 59 of the Electrical Safety Regulation.

Trees (or any parts of trees) that are considered to be within these exclusion zones are to be avoided and reported to the *Liaison Person* immediately.

The *Service Provider* shall ensure by mechanical restraint that falling trees do not infringe on the exclusion zones.

When using rope as a restraint, use a fibre or synthetic rope of adequate strength in preference to a steel wire rope for increased electrical safety in situations of marginal clearances.

A tree branch or limb shall only be cut when it is below the conductors or would not fall onto the conductors when cut. Where there is no such assurance the line shall be de-energised prior to undertaking tree trimming work.

15.17 State Forests, National Parks, Conservation Parks

Under no circumstances shall the *Service Provider* undertake any work within a State Forest, National Park, or Conservation Park, without first having obtained explicit instructions from the *Liaison Person*. Operations here will be under a specific *EMP*, and boundaries will be clearly identified. Site specific inductions to communicate the requirements of the *EMP* will be conducted for all workers before work commences on these sites. State Forest, National Parks and Conservation Parks including area with CH are considered not to be MINOR works.

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15.18 Acts, Regulations, By-Laws and Approvals

Service providers shall have all required Acts, Regulations, By-Laws, as per a work site.

The *Service Provider*s shall have all relevant Acts, Regulations, By-Laws, Approvals and shall observe the requirements of any Government or Semi-Government Department, Local Authority, owner, or lessee of property through which the route passes or adjoins.

16 Construction and Maintenance of Wash Down Facilities

16.1 Construction and Maintenance of Wash Down Facilities - General

All construction methods and materials used are to be in accordance with the included clauses of this Specification and attached *Drawings* (specification) of this Section 16:

(a) Figure M-1 – *Access* Track Infrastructure – Temporary Wash Down Facilities – Construction and Maintenance Details.

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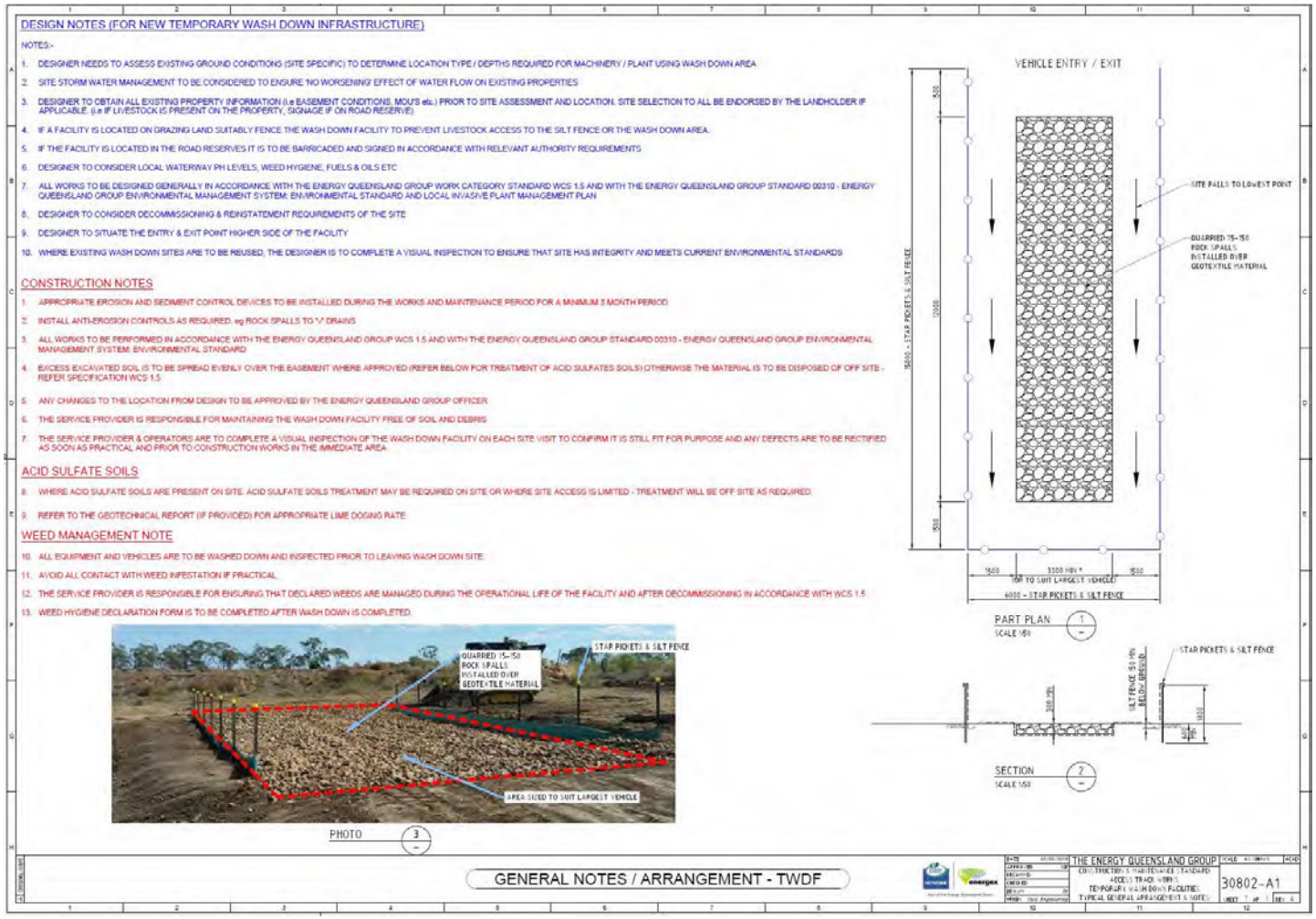


Figure M-1 – *Access* Track Infrastructure – Temporary Wash Down Facilities – Construction and Maintenance Details.

Specification for Land Management Construction

17 Construction and Maintenance of Helicopter Landing Sites

17.1 Construction and Maintenance of Helicopter Landing Sites - General

All construction methods and materials used are to be in accordance with this Specification, Section 17, and in accordance with the *Energy Queensland* Aviation Standard.

(a) Figure N-1 – Helicopter Landing Sites – Maintenance Standard – General Arrangement Sheet 1.

(b) Figure N-2 – Helicopter Landing Sites – Maintenance Standard – General Arrangement Sheet 2.

Specification for Land Management Construction

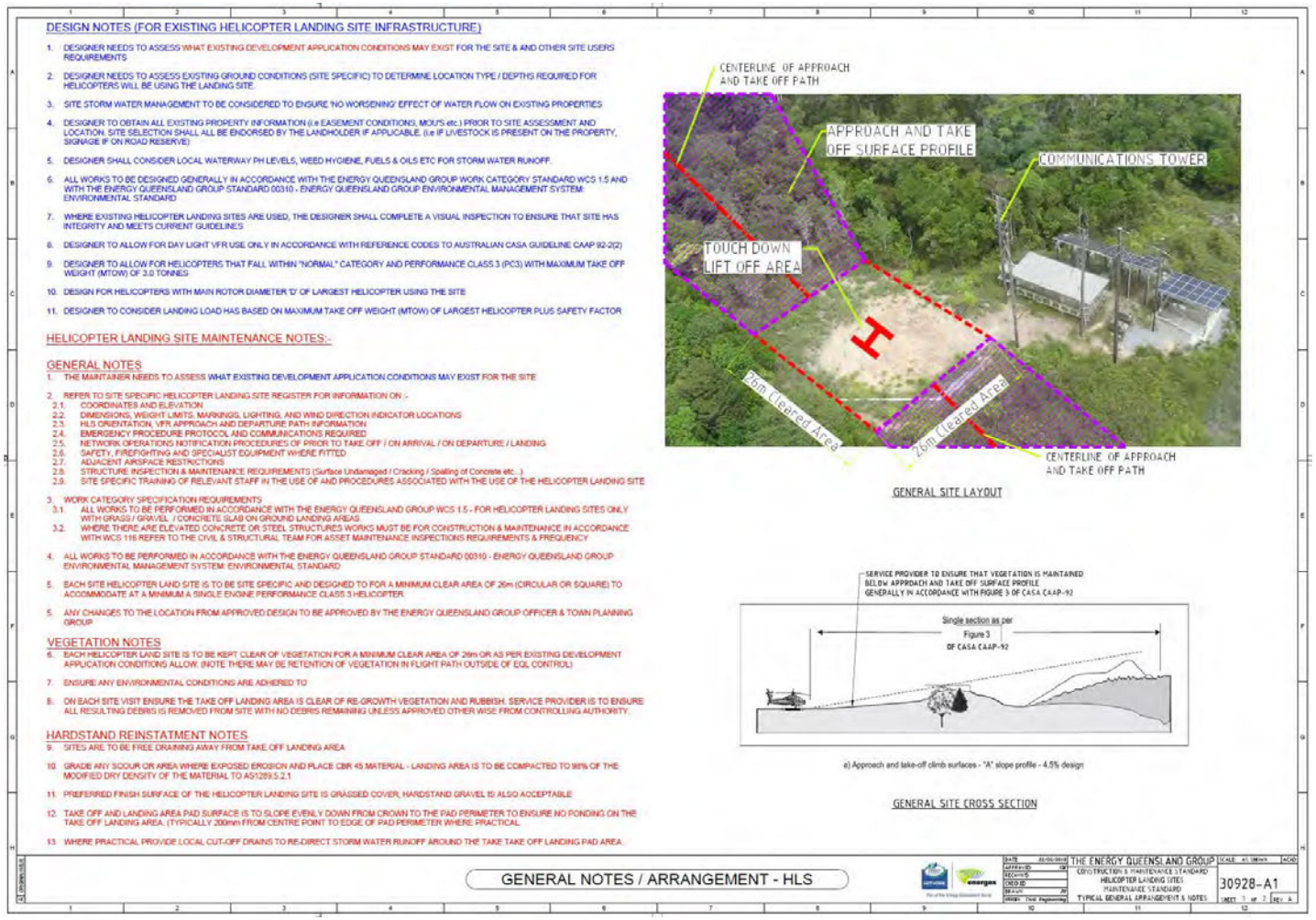


Figure N-1 – Helicopter Landing Sites – Maintenance Standard – General Arrangement Sheet 1.

Specification for Land Management Construction

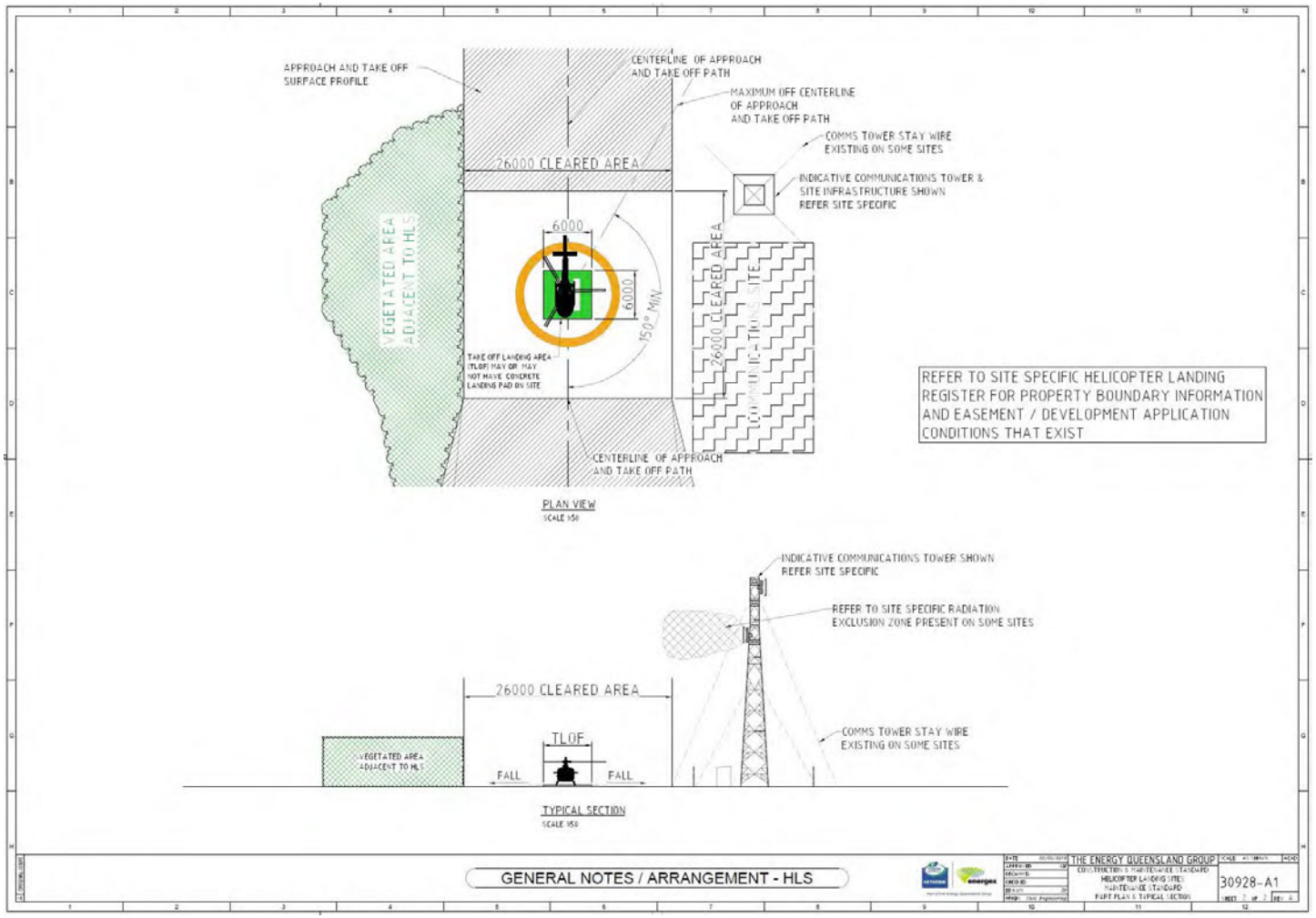


Figure N-2 – Helicopter Landing Sites – Maintenance Standard – General Arrangement Sheet 2.

Work Category Specification WCS1.5

Land Management

Table of Contents

1. SCOPE

This Work Category Specification (*WCS1.5*) documents the *Service* requirements for land management (including the construction, condition assessment and maintenance of *Access* track infrastructure, and land *Stabilisation* and Rehabilitation) in the vicinity of *Energy Queensland's* electricity network.

1.1 General

(a) As part of and in conjunction with this *WCS*1.5, read *WCS*133 for the general standards and conditions that are relevant to, and are incorporated into this category of work.

(b) For the avoidance of doubt, a breach of a general standard or condition contained in *WCS*133 is a breach of *WCS*1.5.

(c) The civil construction and maintenance relative to land management including and not limited to *Access* tracks, infrastructure projects at remote and inaccessible locations and land *Stabilisation* and rehabilitation. Typically, this work occurs at *Sites* with varying degrees of construction / maintenance complexity and environmental sensitivity (e.g., significant environmental and cultural heritage areas, *Watercourses,* and tidal land in accordance with *WCS*133). This involves projects of varying duration, expenditure and complexity as outlined below:

(i) Level 1 Projects – *Access* tracks and land *Stabilisation* and rehabilitation construction and maintenance projects of high complexity and /or high estimated expenditure with requirements for working in environmentally and / or culturally sensitive areas. Where the *Service Provider* shall generally be engaged as the Principal Contractor for the works. Often involving multiple stages and with requirements for working in conjunction with other electrical infrastructure construction and maintenance. The degree of construction complexity may require direct specialist environmental or cultural and / or civil engineering input and assessment (e.g., new construction or extension to existing *Access* tracks, land *stabilisation* and rehabilitation, *Watercourse* crossings, point or distributed load bearing construction of pads, civil construction in areas with surface water and water flow management issues.)

(ii) Level 2 Projects – *Access* tracks and land *stabilisation* and rehabilitation construction and maintenance projects of medium complexity and / or medium estimated expenditure that may involve minimal multiple staged works with minimal requirements for working around and in environmental and cultural heritage sensitive areas (e.g. new minor construction or extension to existing *Access* tracks, installation and maintenance of construction pads, existing *Infrastructure Drainage* and *Access* track drainage maintenance).

(iii) Level 3 Projects – *Access* tracks and land *stabilisation* and rehabilitation construction and maintenance projects of low complexity and / or low estimated expenditure with no requirements for working around and in environmentally and / or culturally sensitive areas, (e.g., gate installation and maintenance, grading and patch repair of existing *Access* track spots).

Note: Level 3 *Service Providers* only perform Level 3 land management and land *stabilisation* / rehabilitation projects.

Note: Level 2 *Service Providers* may perform Level 2 or Level 3 land management and land *stabilisation* / rehabilitation projects.

Note: Level 1 *Service Providers* may perform Level 1, Level 2 or Level 3 land management and land *stabilisation* / rehabilitation projects.

1.2 Application

(a) The application of land management Services includes, but is not limited to, the following functions:

(i) Construction, condition assessment and maintenance of *Access* tracks.

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(ii) Construction, condition assessment and maintenance of *Minor Creek Crossings*.

(iii) Construction, condition assessment and maintenance of *Infrastructure Drainage*.

(iv) Construction, condition assessment and maintenance of gates.

(v) Construction, condition assessment and maintenance of pads / laydown areas.

(vi) Construction, condition assessment and maintenance of wash (clean) down facilities (bays) for the control of *Invasive Plants (Weeds)*.

(vii) Construction, condition assessment and maintenance of helicopter landing sites.

(viii) Installation and maintenance of *Access* directional and structure location signage.

(ix) Clearing of *Vegetation* limited to the width of *Access* track footprint.

(x) Chemical control of *Invasive Plants* (Weeds).

(xi) Land *stabilisation* and rehabilitation.

(xii) Clearing of *Vegetation* limited to either side of the proposed *Overhead Conductor* (powerline) route centreline at green field sites.

(xiii) undertaken to facilitate the construction of new or maintenance of existing electrical *Overhead Conductors* and supporting infrastructure and the installation of electrical underground cables on public or private property and other nominated areas.

(b) The applications excluded from *Services* being provided, are:

(i) Clearing of *Vegetation* for maintenance utilising mechanical plant on easements and corridors (outside the width of *Access* track footprint).

(ii) Pruning of *Vegetation* (working from an Elevated Work Platform (*EWP*) or rope and harness [tree climbing] or utilising Live Work *Vegetation* removal technique).

(c) Service Providers are required to carry out the construction, condition assessment and maintenance of *Access* tracks (including associated civil infrastructure), and land *stabilisation* and rehabilitation in varying locations throughout the nominated *Energy Queensland* regions.

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2. AMENDMENT RECORD

Release	Release Date	Change
9	04/04/2024	**Section 4 Competencies, Training and Qualifications** • Aligned/Updated EQL/Esitrain course codes: • Removed courses: E295 – Environmental Awareness E298 - Sediment Control Awareness T0524 – Cultural Heritage **Section 6.2 Equipment used for Herbicide Treatment** • Inserted: In accordance with the Chemical Usage (Agricultural and Veterinary) Control Regulation. **Section 8 Environment** • Inserted: Section 8.4 Biosecurity Section 8.5 Fire Ants in South East Queensland Section 8.6 Cultural Heritage **Section 9.1** • Inserted: EQL Specification for Land Management **Section 9.1 General** • Inserted: Work Category Specification *WCS*1.6A – *Vegetation* Management Assessment EQL Standard - Environmental Management Standard EQL Specification - Land Management • Removed: Civil Aviation Advisory Publication CAAP 92-2(1) - Guidelines for the establishment and operation of onshore Helicopter Landing Sites. **Section 12 Glossary** • Included: *RGVM* - Registered Gross Vehicle Mass *Whoa-boy* - Trafficable Diversion Banks **Section 13.1 Available Documents** • Removed: Guidelines for the establishment and operation of onshore Helicopter Landing Sites CAAP 92-2(1) **Section 12 Glossary** • Included: *RGVM* - Registered Gross Vehicle Mass *Whoa-boy* - Trafficable Diversion Banks

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Release	Release Date	Change
		Section 13.1 Available Documents • Removed: Guidelines for the establishment and operation of onshore Helicopter Landing Sites CAAP 92-2(1) **Section 13.2.1** • Inserted Standard for Remote and Isolated Work • Removed *WCS*1.5 Appendix K Water Crossing Works Checklist **Section 13.2.2 Queensland Acts and Regulations** • Inserted: Agricultural Chemicals Distribution Control Act Agricultural Chemicals Distribution Control Regulation Chemical Usage (Agricultural and Veterinary) Control Act. Chemical Usage (Agricultural and Veterinary) Control Regulation. Fisheries Act **Section 13.2.3 Australian Standards and Other Documents** • Inserted: Fish Habitat Area Code of Practice - The lawful use of physical, pesticide and biological controls in a declared Fish Habitat Area.

3. AIMS / OBJECTIVES

The aims and objectives of this *WCS*1.5 is to ensure:

(a) The overall aims and objectives detailed in *WCS*133, Section 3 - Aims and Objectives, are met by the application of procedures herein.

(b) The additional category of work specific aims and objectives below are met:

(i) Construction and maintenance operations are to occur in a safe manner near to electricity network infrastructure.

(ii) *Access* tracks (including associated civil infrastructure), structural integrity maintained.

(iii) Land *stabilisation* and rehabilitation Site stable and Erosion free condition, preventing any likely environmental nuisance or harm.

(iv) *Access* tracks (including associated civil infrastructure) constructed and maintained for the provision of uninterrupted Site *Access* to undertake construction and maintenance of the electricity distribution and transmission network infrastructure.

(v) Ensure safe, environmentally appropriate operation and prevent interruption of electricity supply.

4. COMPETENCIES, TRAINING AND QUALIFICATIONS

(a) *Service Providers* and their *Operators* / subcontractors performing the *Services* are suitably licensed and trained in accordance with *WCS*133, Section 4 - Competencies, Training and Qualifications.

(b) For competencies, training and qualification requirements specific to this category of work refer to the below included references and clauses.

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4.1 EQL Competencies

Table 1 specifies the EQL Competencies / *Authorisations* (or combinations thereof) that are EQL requirements to be held by *Operators*.

Table 1- Operator Competencies

Course Code	Competency Description	Operator Requirements
Operators hold the following competencies.		
1013	*Access* Electrical Network Infrastructure for the Individual of Workgroup (IWG) in QLD (Note 2 and Note 3).	R
1006	Asbestos Awareness	R
1003	Biosecurity Awareness (Note 1)	R
1083	Generic Contractor Worker Induction (GCWI) in QLD	R
1018	Fire Ant Management	R
1656	Introduction to Electrical Network Infrastructure for Authorised Persons	R
1583	Oil Spill Management (Note 1)	MO
1073	Wet Tropics - World Heritage	AR
1009	Working Safely On or Near Electrical Network Infrastructure in QLD (System Key for EQL Contractors ONLY)	R
	Excavator / Dozer / Grader / or similar plant [wheeled or tracked] (Note 4).	AR
	Certificate III in Civil Construction Plant Operations [RII30813] (Note 5).	AR
	Electricity Officer (Note 6)	
CPCWHS1001	Prepare to work safely in Construction Industry (White Card)	R
Operators hold the following competencies when undertaking Powerlink works		
		EQL / Powerlink
EXT01001	Unexploded Ordnances[1]	AR / R
POW01511	Land *Access* Protocol	/ R

Legend:
R Required.
AR As required.
MO A minimum of one person on Worksite holds this competency.

Note 1: *Service Providers* with their own environmental training system equivalent as a minimum to the EQL environmental training system may train and assess their own *Operators* as competent.

Note 2: Hold this *Authorisation* if required to sign onto an *Access* Permit as a *Work Group* member, for *HV* circuit(s) isolated as per SAHV procedures.

Note 3: *Service Providers* or their *Operators* while working exclusively on or in transmission line, easements / corridors are not required to hold this competency.

Note 4: *Operators* are to be trained and assessed as competent by a Registered Training Organisation (RTO) with appropriate scope for the plant being operated. Provide *Energy Queensland Officer*

[1] This competency is exclusive to Operators undertaking Powerlink works.

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with a copy of current 'Statement of Attainment' or 'Nationally Recognised Qualification' for all *Operators* of Excavator / Dozer / Grader / or similar plant.

Note 5: *Primary Operators* on *Worksites* where:
Level 1 Project works are being conducted are to hold this qualification.
Level 2 Project works are being conducted may be required to hold this qualification.

Note 6: Only *Operators* carrying out work directly for and on behalf of *Energy Queensland* need to be authorised by *Energy Queensland* as Electricity Officers.

5. VEHICLES AND PLANT

(a) For vehicles and plant requirements, refer to *WCS*133, Section 5 – Vehicles and Plant.

(b) For vehicles and plant requirements specific to this category of work refer to the below included references and clauses.

5.1 Energised Electrical Plant

All mobile plant (e.g., general purpose vehicles, excavators, dozers, graders or similar plant) used in performance of work in the vicinity of energised electrical *Overhead Conductors* and plant is to strictly comply with requirements of the *Laws* and including and not limited to the following listed Acts and Codes of Practice:

(a) Work Health and Safety Act.

(b) Work Health and Safety Act – Plant Code of Practice.

(c) Work Health and Safety Act – Mobile Crane Code of Practice.

(d) Work Health and Safety Act – Safe Design and Operation of Tractors Code of Practice.

6. MATERIALS, TOOLS AND EQUIPMENT

(a) For materials, tools, equipment requirements, refer to *WCS*133, Section 6 – Materials Tools and Equipment.

(b) For materials, tools, equipment requirements specific to this category of work refer to the below included references and clauses.

6.1 Lifting Equipment

All lifting equipment complies with the *Laws* and relevant Australian Standards, and test / certification certificates available for all lifting equipment.

6.2 Equipment used for Herbicide Treatment

Operate, clean, and maintain all equipment used for *Herbicide Treatment* of *Vegetation* in accordance with the equipment manufacturers' directions. In accordance with the Chemical Usage (Agricultural and Veterinary) Control Regulation.

Operate, clean and maintain all equipment used for *Herbicide* treatment of *Vegetation* In accordance with the equipment manufacturers direction. (NB records are to be kept from use for a minimum of 2 years in accordance with the Chemical Usage (Agricultural and Veterinary) Control Regulation).

6.3 Nominated Tools and Equipment

Table 2 defines specific materials, tools and equipment required when providing *Services* for this category of work.

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Table 2- Materials, Tools and Equipment

Description	Supplier
Suitable instruments for measuring / estimating vertical fall on all civil works only (e.g. (and not limited to) dumpy level or laser device).	*Service Provider*
Digital Camera (high definition).	*Service Provider*
Worksite communications system, e.g. (and not limited to) two-way radios with multi-channel function to limit interference.	*Service Provider*
Oil Spill Kit (on all oil filled plant appropriate for the volume of oil to be contained).	*Service Provider*
Vehicle clean down equipment (where required; generally, *Site* specific *Access* restrictions).	*Service Provider*
Spatial data / recording device (GPS capability)	*Service Provider*
Personal Protective Equipment to safely manage the *Herbicide* specified by the label and Safety Data Sheets for the *Herbicide*.	*Service Provider*
First Aid Kit including a supply of medicinal material as per the *Herbicide* manufacturer's directions, (label and Safety Data Sheets) for all *Herbicides* being transported and distributed.	*Service Provider*

7. SAFETY

(a) For general safety requirements, refer to *WCS*133, Section 7 – Safety.

(b) For additional safety requirements specific to this category of work refer to the below included references and clauses.

(i) Energy Queensland have implemented critical controls for fatal hazards specific to work environments encountered in connection with the distribution of electricity across Queensland. The fatal hazards in Table 3 below have been deemed specific to this category of work and the listed critical controls must be met or exceeded within the *Service Provider's* specific WHS Management Plan or Safe Work Method Statements.

Table 3 – Fatal Hazards

Fatal Hazard	Critical Control
Working on or near electricity	Establish and maintain safe working distances and exclusion zones
Mobile Plant Operations	Conduct pre-start checks to ensure all safety features are in good operational condition and not over-ridden
	Set up vehicle/plant to manufacturer's instructions
	Never exceed safe working limits
	Use a spotter when reversing, and if not available do a walk around
Driving	Ensure vehicle and trailer is in a serviceable condition by conducting a pre-start check
	Ensure all loads are secure and cannot come free during travel
	Safety features are used when in operation, including seat belts worn whenever vehicle in forward motion
	Drive to the conditions, especially in the rain and on dirt roads

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	Establish a journey management plan when driving more than 2 hours and ensure rest breaks are planned and taken
Remote or Isolated Work	Two forms of effective communication are always present, with the ability to raise alarm when needed
	Enough drinking water is available
	A plan is in place if an emergency arises

(c) Additional implement control measures are also required to eliminate and / or reduce the following (but not limited to) risk exposures:

(i) Vehicles traversing over existing *Access* tracks with potential for steep gradients, excessive cross-falls, slippery or loose surfaces, washouts or *Erosion*, boggy surfaces, *Watercourse* crossings or running causeways.

(ii) Oncoming and passing vehicles on *Access* tracks with narrow running surface width or tight corners.

(iii) Operating over rugged terrain.

(iv) Operating of plant and equipment near exposed live parts.

(v) Incensed and or sensitive *Landholders / Occupiers*.

(vi) Operating in severe weather conditions.

(vii) Operating in high fire risk conditions.

(viii) Operating on high altitude terrain with limited to aerial *Access* only.

7.1 Safety Observer for Works

(a) Ensure that a suitably trained and competent Safety Observer is utilised when all mobile plant (for example, general purpose vehicles, excavators, dozers, graders, helicopters, or similar plant) is used for the performance of work in the vicinity of electrical *Overhead Conductors* and Plant and or where other hazards (for example, telecommunications tower) have been identified by *Operator*(s) or the *Energy Queensland Officer*.

(b) The *Operator*(s) is to establish and utilise a communication's system for communicating with the Safety Observer(s) that is suitable and effective for the *Worksite* conditions.

(c) Ensure the nominated worker (*Operator*) has a thorough knowledge of the safe operation of the mobile plant and equipment they may be exposed to while performing the role of a Safety Observer.

7.2 Induction from Energised Powerlines

When locating new fences or maintaining existing fences that are parallel to *High Voltage* powerlines, seek technical advice for developing the *Service Providers* own safe system of work in regard to minimising the potential for induction from the energised *High Voltage* powerlines before the commencement of works.

7.3 Radio Frequency Electro-Magnetic Energy Radiation

The *Service Provider* is to implement control measures to eliminate and / or reduce all risk exposures from helicopters operating in the vicinity of any parties' radio frequency electro-magnetic energy radiation emitting telecommunications installation(s) installed on the telecommunications tower and other party adjacent infrastructure.

8. ENVIRONMENT

(a) For environmental requirements, refer to *WCS*133, Section 8 - Environment.

(b) For environmental requirements specific to this category of work, refer to the below included references and clauses.

(c) At Sites where works occur, the Service Provider is to comply with the following:

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(i) All Commonwealth, State and Local Government legislative requirements
(ii) Environment and Cultural Heritage Conditions for Contracted Work
(iii) Environmental Assessment Response T111
(iv) Cultural Heritage Assessment
(v) Environmental Impact Assessment.
(vi) Environmental Management Plan (EMP)

(d) The service provider is only to carry out an activity after all measures to prevent or minimise the potential for environmental and cultural heritage harm have been taken.

(e) Implement documented environmental and cultural heritage risk / impact assessments and environmental plans at each Worksite.

(f) Maintain and leave the worksite in a condition ensuring no potential for environmental nuisance or harm.

(g) Before commencing works in significant/sensitive environmental or cultural heritage areas, for example (and not limited to) World Heritage Areas, National Parks, Conservation Areas, Marine Parks, marine plants areas, wetlands, *watercourses*, tidal areas or identified cultural heritage sites or landscapes seek direction from the *Energy Queensland* Officer. Notification of work must occur prior to works commencing to the relevant Administrating Authority where required and submission of an Environmental Management Plan in accordance with the relevant legislation, codes and policies is required and is to be implemented for the period the Services are being provided.

(h) Before commencing works, s*ite* specific inductions are required to be undertaken in areas covered under the Code of Practice - Maintenance of Electricity Corridors and infrastructure in Queensland's Parks and Forests.

(i) During *Site* works take all reasonable and practicable measures to ensure an activity does not harm cultural heritage.

(j) During *Site* works where there is the potential for additional disturbance of areas outside the existing *Access* track footprint, seek direction from the *Energy Queensland* Officer to ensure an activity does not harm environmental or cultural heritage values. New clearing works outside the existing footprint may require additional permits, notifications or engagement.

8.1 Watercourse, wetland and tidal Protection

(a) The following requirements apply to works in and adjacent to drains, *watercourses*, tidal areas, and wetlands :

(i) Drains*, watercourses,* tidal areas, and wetlands are not to be polluted by rubbish, *vegetation*, soap, toilet waste, silt, or fuel or oil spillage.

(ii) Spoil and *vegetation* that is disturbed are not to be pushed into or within 10 metres of any drain, *watercourse*, tidal areas or wetlands.

(iii) Chemicals are not to be decanted, mixed, or stored within 30 metres of a drain, *watercourse*, tidal area or wetland.

(iv) Heavy plant is not to enter a *drain, watercourse, tidal area or wetland* without a management plan to remediate the *Site*.

(b) In the event of any accidental spillage of any chemicals on *Worksite*(s) the *Service Provider's Operator* is to notify the *Service Provider* immediately and the *Service Provider* is to take immediate steps to control and clean up any spillage. The *Service Provider* is to report all major and minor chemical spills (e.g. oil spill) on ground surfaces and / or one that may reach a *drain, watercourse, tidal area or wetland* to the *Energy Queensland Officer* within 24 hours of the occurrence. Reporting is to comply with Guide for Managing Minor and Major Oil Spills.

8.2 Soil Conservation and Erosion Control

(a) Where mechanical means are used to construct and maintain an *Access* track appropriate sediment and *Erosion* controls are to be implemented by the *Service Provider* to prevent *Erosion* and release

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of sediments from within the *Access* track footprint, so that, on completion of the works the *Site*(s) shall be in a stable. The *Service Provider* shall provide (for acceptance by the *Energy Queensland Officer*) a *Site*-specific plan detailing *Erosion* and siltation control measures with particular emphasis on the following:

(i) *Erosion* controls.

(ii) Drainage controls.

(iii) Sediment controls.

(iv) *Stabilisation* controls

(b) Sediment and *Erosion* controls must be in accordance with Best Practice *Erosion* and Sediment Control, International *Erosion* Control Association.

(c) Topsoil stripped from the *Access* track footprint prior to foundation preparation (excavation for boxing out to the desired depth) shall be contained and stored in a nominated area and returned to the *Access* track footprint prior to landscaping works.

(d) Any spoil materials removed from the *Site* shall be disposed of at an appropriate facility/site nominated by the S*ervice Provider* or *Energy Queensland Officer*.

(e) Suitable dust suppression measures shall be employed by the *Service Provider* to limit dust nuisance on and off the *Site*(s).

8.3 Department of Agriculture and Fisheries – Marine Plant Advice

(a) Prior to carrying out any *Access* track infrastructure works (including inspection and condition assessment) in a marine plant area, declared fish habitat area, or works that may create a waterway barrier consult the following Department of Agriculture and Fisheries documents:

- Accepted development requirements for operational work that is the removal, destruction, or damage of marine plants.
- Accepted development requirements for operational work that is constructing or raising waterway barrier works.
- Accepted development requirements for operational work that is completely or partly within a declared fish habitat area.

(b) If the proposed *Access* track infrastructure works meet the definition of accepted development set out in the above listed documents, they are to be implemented in accordance with the requirements of the above listed documents including pre and post works notifications.

(c) If the proposed *Access* track infrastructure works do not meet the definition of accepted development set out in the above listed documents seek direction from the *Energy Queensland* Officer as a Development Application may be required prior to commencing *Access* track infrastructure works.

8.1 Biosecurity

(a) The service provider has a general biosecurity obligation to take all reasonable and practicable measures to prevent or minimise their biosecurity risk and to ensure they meet their general biosecurity obligation the service provider must develop and implement biosecurity controls to prevent any biosecurity risk posed or likely to be posed by the activity at the site. The controls should consider but not limited to:

(i) Vehicle and plant clean down (and maintaining records of such clean downs)

(ii) Vehicle, equipment, and employee hygiene

(iii) Chemical control (where permitted)

(iv) Following the Landowner's invasive plant management plans (where requirements are reasonable and practical).

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(b) If vehicles or machinery are brought in from outside the region they must be washed down before commencing work at the site. Vehicles and machinery must be washed down after the completion of the works. All washdown records must be recorded and retained for auditing purposes.

(c) Ensure compliance with relevant Biosecurity Management Plans under the *Biosecurity Act*, Biosecurity Regulation, and subordinate legislation.

8.5 Fire Ants in South East Queensland

(a) To prevent the spread of Fire Ants in Queensland the Service Provider must undertake all works in accordance with:

(i) Biosecurity Act

(ii) Biosecurity Regulation

(iii) Department of Agriculture and Fisheries - Fire Ant Movement Controls (Biosecurity Qld website).

(iv) General Biosecurity Obligation.

(b) Service Providers are to:

(i) Have systems and processes in place to demonstrate compliance with their General Biosecurity Obligation. These can include a Fire Ant Management Plan and Operators who are competently trained to identify Fire Ants and conduct Fire Ant inspections.

(ii) Ensure Operators are aware of their responsibility to identify Fire Ants and measures to be taken to prevent their spread.

(iii) Have a minimum of one Trained Operator shall present on each Worksite in a Fire Ant Biosecurity Zone.

8.6 Cultural Heritage

(a) The Service Provider is to comply with all Laws pertaining to Indigenous cultural heritage, including the *Queensland Aboriginal Cultural Heritage Act* and *Queensland Torres Strait Islander Cultural Heritage Act* and take all reasonable and practicable measures to ensure an activity does not harm cultural heritage (the “cultural heritage duty of care”).

(b) The Service Provider is to comply with all Laws pertaining to Historical heritage, including the *Queensland Heritage Act* and take all reasonable and practicable measures to ensure an activity does not impact on heritage items or places.

(c) The Service Provider must comply with any cultural heritage management directions relating to works under a Cultural Heritage Management Agreement, Field Inspection Agreement or within a Special Instruction area.

(d) In the event of a cultural heritage find (both Indigenous and Historical) during the works the Service Provider is to Stop work immediately in the vicinity of the find and contact an *Energy Queensland* Officer.

9. EXTENT OF WORK

9.1 General

(a) For extent of work requirements, refer to *WCS*133, Section 9 – Extent of Work.

(b) For extent of work requirements specific to this category of work refer to the below included references and clauses.

(i) Provide Services in accordance with (but not limited to):

EQL Work Category Specifications

- Work Category Specification *WCS*1.5 – Land Management
- Work Category Specification *WCS*1.5A – Land Management Assessment

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- Work Category Specification *WCS*1.6 – *Vegetation* Management Plan.
- Work Category Specification *WCS*1.6A – *Vegetation* Management Assessment
- Work Category Specification *WCS*1.7 – *Vegetation* Treatment Near Electricity Networks
- Work Category Specification *WCS*1.7A – *Vegetation* Treatment Near Electricity Networks Assessment
- Work Category Specification *WCS*1.8 – *Vegetation* Clearing by Mechanical Plant near Electricity
- Work Category Specification *WCS*1.8A – *Vegetation* Clearing by Mechanical Plant near Electricity Networks Assessment.
- Work Category Specification *WCS*133 – General Standards and Conditions.

EQL Standards

- Environmental Management Standard

EQL Specifications

- Land Management

EQL Manuals & Procedures

- Environmental Assessment Response T111.
- Implement Controls - Handling and Disposal of Redundant Poles.

EQL Forms

- *Access* Track Condition Assessment Data Capture Sheet
- Clean Down Record
- Record of Distribution of *Herbicides*
- Cultural Heritage Assessment form

Codes of Practice

- Code of Practice - Maintenance of Electricity Corridors in Queensland's Parks and Forests.
- Code of Practice - Working in the Vicinity of Overhead and Underground Electric Lines. Safe Work Australia.
- Fish Habitat Area code of practice - The lawful use of physical, pesticide and biological controls in a declared Fish Habitat Area.

Other Relevant Documents

- Accepted development requirements for operational work that is completely or partly within a declared fish habitat area.
- Current plans detailing existing underground essential services infrastructure in the immediate area and surrounding the Worksite.
- Department of Agriculture and Fisheries document - Accepted development requirements for operational work that is the removal, destruction, or damage of marine plants.
- Department of Agriculture and Fisheries document - Accepted development requirements for operational work that is constructing or raising waterway barrier works.
- *Herbicide* Safety Data Sheets and Labels.
- Plant and equipment manufacturers' manuals.
- Safety Data Sheet and Labels for all chemicals used at Worksite, for example fuel, hydraulic oil.
- Service Provider's Safe Systems of Work.
- The requirements of the *Energy Queensland* approved Construction Issue Plan and associated Construction Drawings and instructions.

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9.2 General Project Level Entry Requirements

(a) All *Service Providers* are able to demonstrate sufficient previous construction experience involving similar infrastructure projects to the land management and land *stabilisation* / rehabilitation project level for which they are applying to undertake for *Energy Queensland*. This assessment is based on examples of recent projects and confirmed referee reports that are satisfactory to *Energy Queensland*.

(b) *Service Providers* who initially cannot demonstrate sufficient previous construction experience in either of the higher Level 1 or Level 2 type land management infrastructure projects respectively may apply for reassessment after the satisfactory completion of three *Energy Queensland* land management and land *stabilisation* / rehabilitation infrastructure projects at the Service Provider's current accepted project level (e.g., Level 2 or Level 3).

9.3 Service Provider Responsibilities

(a) Notify as soon as practical, the *Energy Queensland* Officer of the presence of any additional previously un-identified *Access* track, *Minor Creek Crossing*, helicopter landing site and wash (clean) down facility condition(s) that may require further investigation to determine their structural and environmental integrity and / or potential remedial maintenance of the *Access* track(s), *Minor Creek Crossing(s)*, helicopter landing site(s) and / or wash (clean) down facility(s) that may be required.

(b) While actioning construction, condition assessment and maintenance of *Access* track, *Minor Creek Crossing*, helicopter landing site, wash (clean) down facility, and land *stabilisation* and rehabilitation ensure that all work is compliant with the relevant documented safe system of work.

(c) During the routine condition assessment of *Access* track, *Minor Creek Crossing*, helicopter landing site and wash (clean) down facility infrastructure, notify as soon as practical, the *Energy Queensland* Officer of the presence of any structural and environmental condition identified requiring immediate investigation and / or remedial maintenance.

9.4 Standards of Dress

(a) *Service Providers* are to ensure all Operators and Sub-contractors maintain a suitable dress standard when representing the Service Provider and *Energy Queensland* at the Worksite(s).

(b) Operators are to ensure they wear the appropriate Personal Protective Equipment (PPE) in strict accordance with the Service Provider's Safe System of Work.

9.5 Landholders / Occupiers

Energy Queensland fosters goodwill of *Landholders / Occupiers* and others when accessing private property. *Energy Queensland* relies on this goodwill to effectively maintain network infrastructure. Make every effort to foster and enhance this goodwill.

9.6 Maintenance of Barricades and Environmental Controls

(a) Place no spoil materials recovered from the Services being provided where the spoil materials or any sediment from the spoil materials can enter *Watercourse* or stormwater drainage.

(b) Retain all spoil, material, plant and equipment within the barricaded *Worksite*.

(c) Spoil is not being placed on the carriageway or in gutters and drains.

(d) Any stockpiling of spoil is not to exceed the maximum volumes allowed by the controlling Authority of the Site.

9.7 Worksite Conditions

(a) Ensure an area with controlled *Access* is established to safeguard *Landholders* / *Occupiers*, pedestrians, motorists and ground workers against injury or damage.

(b) During and following completion of Services, maintain and leave Worksite in a safe, hazard free condition at all times, and reinstate and maintain Worksite to at least the condition satisfactory to *Energy Queensland* Officer.

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9.8 Exclusion Zones

(a) All Operators (including ground staff) are aware of the location of mobile plant being operated in relation to *Overhead Conductors* and electrical plant, and telecommunication towers when constructing and maintaining *Access* tracks, *Minor Creek Crossings*, helicopter landing sites and wash (clean) down facilities and undertaking land *stabilisation* and rehabilitation.

(b) Treat all *Overhead Conductors* and electrical plant as energised unless an *Access* permit has been received.

(c) Only operate mobile plant in the vicinity of the HV electrical apparatus (*Overhead Conductors* and electrical plant) described in Section 6 of the *Access* permit received.

(d) Only construct and maintain *Access* tracks and *Minor Creek Crossings*, wash (clean) down facilities and undertake land *stabilisation* and rehabilitation between operator earths. At least one earth is visible from the Worksite.

(e) Treat all radio frequency electro-magnetic energy radiation emitting telecommunications installation(s) as transmitting unless the installation has been powered down and confirmed as being de-energised, so that safe *Access* for helicopter works can proceed.

9.9 Environmentally and Culturally Sensitive Areas

(a) A significant portion of the construction, condition assessment and maintenance of *Access* tracks, *Minor Creek Crossings*, helicopter landing sites and wash (clean) down facilities and undertaking land *stabilisation* and rehabilitation project works require the works to occur through environmentally and /or culturally sensitive areas. Consider the likely possible occurrences and impact on environmental and cultural aspects and the control measures that need to be in place while working in environmentally or culturally sensitive areas.

(b) Works in environmentally or culturally sensitive areas shall require control measures. It is recommended that suitable control measurers be utilised on the Worksite during this critical phase of the construction and maintenance of *Access* tracks, *Minor Creek Crossings*, helicopter landing sites and wash (clean) down facilities, and undertaking land *stabilisation* and rehabilitation to prevent the following from occurring:

(i) Accidental spillage of any chemicals.

(ii) Sediment run off.

(iii) Dust nuisance.

(iv) Over clearing and / or unauthorised clearing.

(v) Culture heritage disturbance.

(vi) Contamination of certified organic farmland and chemical-free properties and land (e.g., Cattlecare, HACCP and other quality-controlled properties).

(vii) Invasive Plant species spread.

(viii) Disease spread in relation to intensive animal and horticulture industries; or

(ix) Noncompliance with the protocols for *Access*ing and exiting properties with identified Livestock Protection Assurance Plan and / or Biosecurity Regulation Plan in place and identified with signage at the points of entry to the property.

(c) The Service Provider where required, is to ensure compliance to the relevant components of the Environmental Legislation to develop and implement a project *Erosion and Sediment Control Plan*, before civil construction and maintenance works of *Access* tracks, work pads, ingress and egress from *Worksite, Minor Creek Crossings, Infrastructure Drainage*, gates, helicopter landing sites and wash (clean) down facilities, commence at a *Worksite* in significant environmental area, for example (and not limited to) *Watercourses*, wetlands, tidal lands, national parks, state forests, certified organic farmland or other sensitive areas.

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9.10 Plans and Permits

(a) Areas listed below require specific permits and plans from the controlling Authority to be issued before *Access* track infrastructure work can commence. This may cause delays to the commencement of work if sufficient lead time for the application is not provided:

(i) Riverine Zones.

(ii) Fish Habitat Areas.

(iii) Marine Parks Habitat Areas.

(iv) Acid Sulphate Soil Areas.

(v) Cultural Heritage and Queensland Heritage Areas.

(vi) Remnant, Endangered or Of Concern Regional Ecosystems.

(vii) State Forests, National Parks, and World Heritage Areas.

(viii) Properties with Livestock Protection Assurance Plan and / or Biosecurity Regulation Plan.

(b) Construction work is not to commence on any of these areas (listed above) until both the *Service Provider* and the *Energy Queensland Officer* are satisfied all environmental, biosecurity and cultural considerations / requirements have been addressed and all the necessary *Authority* permits, and plans have been issued to enable the work to commence.

(c) Ensure that these *Authority* issued permits and plans are current and available at the *Worksite*.

9.11 Clearing Vegetation Along Overhead Conductor Powerline Route

(a) The clearing of *Vegetation* (including trees) at greenfield sites along the proposed *Overhead Conductor* (powerline) route(s) and in the vicinity of selected infrastructure (that supports the *Overhead Conductor*) locations is to be in accordance with the *Vegetation* clearing profile(s) specified on the route plan(s) or Construction Issue Plan(s) issued and in accordance with Section 15 of EQL Specification for Land Management, and this *WCS*1.5.

(b) The *Vegetation* clearing profile which applies to the nominated sections of the *Overhead Conductor* (powerline) route(s) shall vary as specified on the route plan(s) or construction plan(s) issued for the *Vegetation* clearing *Services* to be provided.

(c) In addition, the Environmental Management Plan and the Cultural Heritage Management Plan specific to the *Vegetation* clearing in identified areas along the *Overhead Cond*uctor (powerline) route(s) take precedence over the requirements of this *WCS*1.5 and are to be strictly complied with.

9.12 Distribution of Herbicide

(a) When *Herbicide* application is to occur (that is the period from preparation to completion of clean up):

(i) The distribution and use of *Herbicide shall* require a minimum of one suitably qualified person holding a current Commercial Operators Licence for *Ground Distribution* of *Herbicide* – Unrestricted on *Site* at all times, for the following areas:

- All *ACDC* Act Regulated *Hazardous areas*.
- Queensland National Parks and State Forests and Reserves.

(ii) For all *ACDC* Act Regulated areas and *ACDC* Act Excluded (non-regulated) areas outside of Queensland National Parks and State Forests and Reserves; the distribution of *Herbicide* shall be required to be undertaken by a *Competent Person* in strict accordance with the *Laws* and legislation specified below as a minimum:

- Agricultural Chemicals Distribution Control Act
- Agricultural Chemicals Distribution Control Regulation
- Chemical Usage (Agricultural and Veterinary) Control Act
- Chemical Usage (Agricultural and Veterinary) Control Regulation

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(b) Low growing *Vegetation* species and *Invasive Plants* requiring management may be treated with *Herbicide* provided:

(i) The application of *Herbicide* is restricted to the to the width of *Access* track footprint, wash down facilities' footprint and other nominated locations (for example around tower legs, mono and multi structure poles and columns);

(ii) The *Vegetation* is not of recognised significant ecological, visual, cultural or economic importance.

(iii) Safe approach and *Vegetation* clearance distances are maintained; and

(iv) It cannot damage other property (including certified organic farmland and chemical-free properties and land under production) and / or cause a safety issue.

(c) The application of *Herbicide* is to be undertaken in accordance with Section 14 of EQL Specification for Land Management, and this *WCS*1.5.

(d) Wherever possible, *Invasive Plants* are to be identified and treated with *Herbicide* within the width of the *Access* track footprint, wash down facilities' footprint and other nominated locations to prevent the spread of the *Invasive Plant*(s). *Treatment* methods should ensure as much of the *Invasive Plants* are removed as possible, with broad scale *Herbicide Treatments* being preferred.

(e) All records and forms associated with the distribution of *Herbicide* are to be maintained for the period nominated in Section 26 of the Agricultural Chemicals Distribution Control Act.

9.13 Land Management Infrastructure

(a) Construct new and maintain existing land management infrastructure, civil works, in accordance with EQL Specification for Land Management, and this *WCS*1.5.

(b) *Access* track infrastructure (for example, tracks and *Minor Creek Crossings*) is constructed and maintained for the following allowable two levels of vehicle loadings on the *Pavement:*

(i) Constructed and maintained *Pavement* for light vehicle loads only (e.g., 4wd *Access*) that provides, as a minimum standard, four-wheel drive vehicle *Access* to all structures at the nominated locations (generally more remote and isolated areas) across the *Energy Queensland* network.

Note: The *Service Provider* is to check with the local *Energy Queensland Officer* for any specific *Site* exceptions to the above clause.

(ii) Constructed and maintained *Pavement* for all weather and / or heavy vehicle loads with a maximum allowable *RGVM* of 30 Tonnes (6T steer axle / 17T rear axles), for example elevated work platforms and concrete trucks, providing *Access* to high priority electricity network infrastructure (for example sub-transmission line feeders). This requires uninterrupted Site *Access* to undertake additional construction, switching and maintenance of the electricity distribution and transmission network infrastructure. Additionally, at these *Sites* there may be a requirement to provide two-wheel drive vehicle *Access*.

(c) For the construction of additional all weather and / or heavy vehicle load *Access* track infrastructure, for example the extension and / or realignment of *Access* track and *Minor Creek Crossings*, obtain approval from the relevant *Energy Queensland Officer* before the commencement of construction works.

(d) For the provision of *Access* track and *Minor Creek Crossings* initially identified to support *Access* for heavier mobile plant with *RGVM* of > 30 Tonnes (>6T steer axle / >17T rear axles) and / or for all weather *Access* across unsuitable substrate soils, request a Site-specific construction design and / or maintenance specification from the relevant civil and structural engineering via a *Energy Queensland Officer*.

(e) The Specifications and practices adopted for *Access* track and *Minor Creek Crossings* construction and maintenance are to provide for safe and effective *Access* to *Energy Queensland* network infrastructure with minimal environmental impact.

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9.14 Access Track and Minor Creek Crossings – General

(a) Provide vehicular and mobile plant *Access* to the nominated section of *Energy Queensland's* electricity network *Overhead Conductor* (power line) route, with additional *Access* tracks from existing public roadways or property access roads where detailed on the Construction Issue Plan drawings and any *Site* variations are to be marked on the drawings in the field. Designated avoidance areas, for example Cultural Heritage sites, steep slopes or riparian zones are also detailed on the Construction Issue Plan drawings and any Site variations are to be marked on the drawings in the field.

(b) Consultation with the relevant Authority and the acceptance and the approval of the *Energy Queensland Officer* is required before any new *Access* track construction is commenced in order to remedy *Site Access* difficulties.

(c) Where existing *Access* tracks are impassable, eroded, or overgrown, consider alternative locations and opportunities to rebuild the *Access* track in a more suitable location, to reduce long term environmental impact and continuing maintenance resources. This relocation is not to occur without Authority consultation and the acceptance and the approval of the *Energy Queensland Officer*.

(d) Specifications utilised for *Access* track and *Minor Creek Crossing* location and construction are to be in accordance with Section 5, 6, 7 and 8 of EQL Specification for Land Management, and this *WCS*1.5.

(e) Specifications utilised for *Access* track and *Minor Creek Crossing* maintenance are to be in accordance with in accordance with Section 5, 6, 7, 8 and 9 of EQL Specification for Land Management, and this *WCS*1.5.

(f) The centre line of the *Access* track is to be as straight as practical, and generally follow the electricity network *Overhead Conductor* route centre line for the entire length of *Overhead Conductor* route except:

  (i) In areas of cultivation; and / or

  (ii) Where steep slopes, impassable creeks or other obstructions make the *Access* track and *Minor Creek Crossing Pavement* un-trafficable by conventional four-wheel drive pneumatic tyred vehicles and articulated vehicles or for all weather *Access* and / or heavy vehicle and mobile plant.

(g) Consideration should be given to dividing the *Access* track at the location of a structure supporting *Overhead Conductors* (power line) location to allow vehicles and heavy mobile plant to travel each side of the structure to allow for ongoing construction and maintenance activities to be undertaken on the Site.

(h) *Access* tracks and *Minor Creek Crossings* are to be constructed and maintained free of stumps, stakes, timber, protruding rocks, holes, or any unevenness which could restrict the progress of vehicles and heavy mobile plant while undertaking construction, condition assessment patrol(s) or maintenance of the *Access* track, *Minor Creek Crossing*, and electricity network *Overhead Conductor* (power line).

(i) In addition, for *Access* tracks outside of the electricity network easements / corridors, overhanging branches need to be removed up to five metres above *Access* track *Pavement* travel surface to provide clear *Access* for vehicles and heavy mobile plant.

(j) The *Service Provider* is responsible for ensuring that during *Access* track and *Minor Creek Crossing* construction and maintenance works that existing *Access* tracks, *Minor Creek Crossings* and all associated infrastructure (e.g. gates and pads / laydown areas) are maintained in an adequate and safe condition for all required vehicle and heavy mobile plant operations and the *Service Provider* is responsible for all reinstatement of damage as and when required, at no cost to *Energy Queensland*, and excludes damage by third parties and from severe weather events.

(k) Where the *Access* track crosses gullies or *Watercourses* the *Service Provider* is to construct and maintain the approaches so that, as far as practical, no scouring shall occur during flooding or heavy rain events. Where a cutting is required, a wide mound of earth (*Whoa-boy*) is to be constructed at the head of the cutting to prevent runoff water being funnelled into the cutting. *Minor Creek Crossing*

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should neither be built up above nor undercut below the bed of the *Watercourse* or gully at the point of crossing. The placing of loose logs, stones, and pipes in the bed of the *Watercourse* or gully is generally not permitted.

(l) If the *Watercourse* or gully is such that, in the opinion of the *Energy Queensland Officer* an *Access* track constructed across the *Watercourse* or gully would not be or remain trafficable, then no track is to be constructed.

(m) If initial clearing, *Access* track construction or *Minor Creek Crossing* construction impact on the bed or banks of a *Watercourse*, work is to be conducted in compliance with the conditions of a Riverine Protection Permit issued under the Queensland Water Act.

(n) In such cases as detailed above, an *Access* track not nominated on the Construction Issue Plan drawings may be required to be established around the obstacle (e.g., Watercourse or gully) and advised in writing by the *Service Provider* to the *Energy Queensland Officer* seeking approval prior to the commencement of construction.

(o) Where the *Access* track has to be located off the contour or directly down a slope, the grade of the *Access* track slope should not exceed 10 degrees, where practical.

9.15 Drainage Control

(a) Construct drainage control on *Access* tracks of 6% (1 in 16) [3.5 degrees] or greater slope to prevent water flowing along the track *Pavement* in accordance with Section 12 of EQL Specification for Land Management, and this *WCS*1.5.

(b) Where native soil (earth) is excavated on steep sites, stockpiled, and spread topsoil from the excavation over the banks to encourage *stabilisation* to enable future use of the benching by maintenance plant. *Stabilise Disturbed* sites with grass seed or other recognised soil *stabilisation* techniques, in accordance with this *WCS*1.5 and / or as nominated on the *Construction Issue Plan* drawing(s).

(c) Construct and maintain drainage control including land *stabilisation* and rehabilitation in accordance with EQL Specification for Land Management, and this *WCS*1.5.

9.16 Access Gates and fencing locking rail

(a) Fabricate, supply and construct *Access* gates and fencing locking rails in accordance with Section 10 of EQL Specification for Land Management, and this *WCS*1.5. The style and size shall be nominated on the *Construction Plan drawing*(s) and / or by the *Energy Queensland Officer*.

(b) Installation includes the cutting of the existing fence and the extraction of the existing posts where necessary, the piecing, re-tensioning and retying including repairs, if necessary, to restore the fence to as good as or better condition as existed prior to the construction of the gate or fencing locking rail in accordance with Section 10 of EQL Specification for Land Management, and this *WCS*1.5.

(c) Disposal of chemically treated poles and posts used as gate posts are to be transported and disposed of in accordance with *WCS*133 clause 8.4 and 8.13.

9.17 GPS Tracking

(a) *Service Providers* are to provide at *Site* during all construction, condition assessment and maintenance activities the ability to electronically map the location (latitude and longitude geographic coordinates) of all *Access* track routes and the associated infrastructure (e.g., gates, water crossings, wash down facilities, helicopter landing sites) and this shall also include other locations of interest (e.g., significant changes of direction and steep *Pavement* grades).

(b) Provide the *Access* track location data (latitude and longitude geographic coordinates) to the *Energy Queensland Officer* in the nominated electronic file format. Enter this data into the relevant *Energy Queensland* electronic operating system data base directly when requested to do so by the *Energy Queensland Officer*

(c) The horizontal accuracy of the electronically mapped geographic coordinates for all locations is to be within 3 metres (commercial grade equipment accuracy) of the actual infrastructure geographic ground point.

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9.18 Access Track Inspection and Condition Assessment

9.18.1 Condition Assessment and Hazard Assessment of Access Track Infrastructure – General

Operators carrying out the condition assessment of *Access* track infrastructure are required to assess potential hazards encountered as they progress along the *Access* track(s), conduct the risk assessment(s) for the *Operator's* own protection and to assist other personnel using the *Access* track(s) into the future. The personnel using the *Access* track(s) into the future may be *Vegetation* Management *Workgroups*, Asset Inspectors or *Operators* / *Workgroups* involved in switching, repairing, replacement and / or system augmentation of *Energy Queensland* electricity network assets in the vicinity.

9.18.2 Issue of Inspection and Condition Assessment Works

(a) For inspection and condition assessment of *Access* track infrastructure (including wash down facilities), prior to the commencement of works for the switching, repairing, replacement and / or system augmentation of *Energy Queensland* electricity network assets, the *Energy Queensland Officer* shall raise an inspection request in the relevant electronic operating system data base. Generally, an inspection request shall be raised for all *Access* track infrastructure (including wash down facilities) in the nominated maintenance zone.

(b) For each inspection request, the *Energy Queensland Officer* shall provide the *Service Provider* with the following parameters:

- (i) Description of the maintenance zone including any specific instructions associated with the *Access* track infrastructure (including wash down facilities).
- (ii) Network maps showing the extent or boundaries of the *Access* track infrastructure (including wash down facilities) to be assessed.
- (iii) *Landholder* / *Occupier* details.

(c) The Operator is to:

- (i) Ensure timely and accurate information is returned to *Energy Queensland Officer* in regard to negotiations with *Landholders / Occupiers* and provide details of any specific requirements or requests made by *Landholders / Occupiers*.
- (ii) Advise by e-mail on a daily basis their location in accordance with the program schedule provided by the *Service Provider*.
- (iii) Review the completed field works to ensure that all required condition assessments have been performed. Such reviews are to include examination of the data to identify any anomalies and ensure that the data is in a format acceptable to the *Energy Queensland Officer*.
- (iv) Determine the most appropriate maintenance techniques for managing the restoration of *Access* track infrastructure to a trafficable condition for vehicles and / or heavy mobile plant *Access* and managing the restoration of wash down facilities to a fully operational condition for vehicles and / or heavy mobile plant clean downs.
- (v) Inspect and assess the condition of the *Access* track infrastructure (including wash down facilities) in accordance with this clause and in accordance with EQL Specification for Land Management, and this *WCS*1.5.
- (vi) Record the *Access* track infrastructure's condition and the maintenance required (e.g., washout or *Erosion*, slips or subsidence, damaged culvert or bridge type structure, boggy surface, slashing, blading, *Patch Gravelling* / rocking).
- (vii) Record the wash down facility infrastructure's condition and the maintenance required (e.g., washout or *Erosion*, slips or subsidence, accumulated soil and debris, boggy surface, *Invasive Plant* growth, geotextile fabric degradation).
- (viii) Negotiate with *Landholder / Occupier* (property owners) for *Access* to their properties to undertake the required maintenance (subject to the works being approved by *the Energy Queensland Officer*).

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(d) The Service Provider is to:

(i) Enter the inspection and condition assessment data utilising the nominated electronic file format into the relevant *Energy Queensland* electronic operating system data base. Alternatively refer to *Energy Queensland Access* Track Condition Assessment Data Capture Sheet for reference and assisting *Service Providers* to develop their own data sets for uploading of this type of inspection data into the relevant *Energy Queensland* electronic operating system data base.

(ii) Provide the inspection and condition assessment data for the *Access* track infrastructure (including wash down facilities) assessed within 10 *Business Days* of completion of the field assessments by the *Operators*.

(e) Data requirements to be provided include and is not limited to:

(i) Inspection date.

(ii) Real property address (if available).

(iii) Location (to include latitude and longitude geographic coordinates).

(iv) From pole (where following the electricity network *Overhead Conductor* route) and / or *Access* entry location.

(v) To pole (where following the electricity network *Overhead Conductor* route) and / or *Access* exit location.

(vi) Identified potential hazards [Refer clause 9.18.3 (c)].

(vii) Recording type and location of *Invasive Plants* (Weeds) and pest infestations.

(viii) Required repairs or maintenance to restore *Access* track infrastructure (including wash down facilities) to serviceable condition as specified in this *WCS*1.5.

(ix) Resources required for repairs and maintenance works.

(x) *Access Track Priority*.

(xi) Wash Down Facility Priority.

(xii) Special requirements [including *Landholder / Occupier* (property owners) requests that are subject to approval by the *Energy Queensland Officer*].

(xiii) Comments.

(f) The Service Provider is to download from and enter data into the relevant electronic operating system data base in strict accordance with *WCS*133, clause 10.4 - *Access* to *Energy Queensland* Electronic Systems and Customer Information.

9.18.3 Condition Assessment and Hazard Assessment – Methodology

(a) This section is included to assist with condition assessment and in the application of a hazard identification methodology using assessment / as found data and recording and photographing in field observations.

(b) There may be a point where specialised geotechnical consultancy advice is required if there is any doubt about landslide hazards or specialist knowledge is required for assessing the stability of soils. If you are not sure about the risks associated with a particular feature such as a landslip it should be highlighted in your field notes for inspection and assessment by a suitably qualified and *Competent Person* who is to provide construction details for land *stabilisation* of the *Site*.

(c) The list below provides examples of potential hazards (and is not limited to those provided) that shall be encountered / identified on some *Access* track infrastructure that service *Energy Queensland* assets:

(i) *Invasive Plants* (Weeds).

(ii) Cultural Heritage sites.

(iii) Steep *Pavement* gradients.

(iv) Excessive cross-fall on *Pavement* surface.

(v) Slippery or loose *Pavement* surface.

(vi) Washout or *Erosion*.

(vii) Slips or subsidence.

(viii) Damaged culvert or bridge type structure.

(ix) Boggy *Pavement* surface.

(x) Fallen trees or *Vegetation* debris.

(xi) Regrowth or long grass.

(xii) Narrow *Pavement* width or tight corners with potential for oncoming and passing vehicle traffic.

(xiii) *Vegetation* overhanging *Access* track infrastructure (potential for restricting high loads or high vehicles *Access*).

(xiv) *Watercourse* crossing / flooded causeway

(xv) Wheel ruts in *Pavement* surface.

(xvi) Springs or ponding.

(d) To assist with condition assessment, identifying hazards and assessing risk, the *Operator* is to:

(i) Prior to inspecting and assessing condition of sections of *Access* track(s) and associated infrastructure (e.g., *Minor Creek Crossings*, *water crossings*). Undertake analysis of:

- The area and existing *Access* track assets in a spatial data system (imagery data from aerial asset surveillance technology) to commence an initial assessment of (and not limited to) slope of land and *Access* tracks, *Minor Creek Crossing*s, water crossings,
- Deterioration of *Access* track *Pavement* surfaces and *Invasive Plants* and *Vegetation* type that shall assist in the identification of hazards.

(ii) With the availability of high-resolution imagery from the aerial asset surveillance technology, this imagery data shall facilitate more effective preplanning for *Site* assessment works. [Imagery data from aerial asset surveillance technology services shall be provided to the Service *Provider* where available to facilitate more targeted field-based assessment (particularly in remote and or isolated locations) and to provide better directions to *Work Groups Access*ing these types of locations.]

(iii) Traverse the *Access* track(s) by light vehicle, four-wheel drive vehicle or on foot to inspect and assess *Access* track infrastructure conditions and for identification of potential hazards prior to the commencement of construction and maintenance of network assets in the vicinity.

(iv) Walk *Access* track(s) where required, to undertake a more detailed ground-based inspection for the condition assessment of *Access* track infrastructure and identification of potential hazards.

(v) Evaluate potential risks associated with progressing further along *Access* track(s) where the *Pavement* surface of the running lane is inadequate for traversing by light or four-wheel drive vehicle or for other heavy mobile plant (e.g., lifter borer, elevated work platform) that may need to follow in the near future.

(vi) Identify *Access* track conditions that would prevent any traversing by vehicles or heavy mobile plant and required repairs or maintenance to restore *Access* track(s) to a trafficable condition for vehicles or heavy mobile plant *Access*.

9.18.4 Identification of Access Track Route Section and Level of Maintenance

(a) Identify each *Access* track route section and the level of repairs or maintenance required to restore that section to a trafficable condition.

(b) The goal of *Access* track maintenance is to provide, as a minimum standard, four-wheel drive vehicle *Access* to all structures, unless otherwise specified in an Environmental Management Plan /

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Environmental Program of Work for a sensitive area. Some works on high priority lines, for example sub-transmission lines require the provision of *Access* track maintenance to a standard to allow for all weather and / or heavy vehicle / mobile plant load of a maximum allowable *RGVM* being 30Tonnes (6T steer axle / 17T rear axles) *Access* plus two-wheel drive vehicle *Access*.

(c) The maintenance standards adopted for *Access* track infrastructure are to provide for safe and effective *Access* to *Energy Queensland* network infrastructure with minimal environmental impact. For the provision of *Access* track infrastructure maintenance to all weather tracks initially constructed to support heavy vehicle / mobile plant load (maximum allowable *RGVM* of 30 Tonnes - 6T steer axle / 17T rear axles) *Access*, refer to the maintenance specification, in accordance with Section 6 of EQL Specification for Land Management, and this *WCS*1.5.

(d) *Energy Queensland Officer* shall provide, or the *Service Provider* shall have direct *Access* to *Access* track route and /or network maps or *Construction Plans* for the electricity distribution and transmission network infrastructure that is to be included, with the location of structures supporting existing power line(s) [where applicable] and marked clearly. plans should include details of the thoroughfares, entry locations for *Site Access*, environmentally sensitive and protected areas, and tenure details that apply over the extent of sections of the *Access* track infrastructure to be assessed.

(e) In identified areas along the *Access* track infrastructure route, the *Site*-specific maintenance activities (if any) detailed in the Environmental Management Plan(s) or Environmental Program of Work(s) are to be taken and these maintenance activities take precedence over the requirements specified in this *WCS*1.5.

(f) In emergency situations where the inspection process is required to facilitate restoration works to the electricity distribution and transmission network infrastructure, and *Access* to difficult *Site* locations is required under adverse weather conditions, it may be necessary to consider constructing a new *Access* track away from the existing *Access* track *Pavement*. The *Service Provider* is to make good all damage caused by such works. This restoration work is to be undertaken to ensure meeting *Energy Queensland's* obligations under the Queensland Electrical Act.

9.18.5 Vehicle Accessibility Criteria

(a) During inspection process, consideration should be given to that different vehicle types have limitations and also seasonal conditions have a big effect on the ability of various vehicle types to utilise the *Access* track(s). For example, two wheeled drive vehicles are limited by clearance and traction, with a gradient limit of about 15 degrees maximum on a dry clay *Pavement*. Large trucks and heavy vehicle / mobile plant have the same traction and gradient limitations and require wider track *Pavement* widths especially on bends. Refer to Table 4 below for a guide to the maximum grade of slope various vehicle configurations can negotiate in ideal conditions.

(b) *Sites* that do not meet the range provided below for *Access* are to be risk assessed to provide a suitable engineered and environmental solution.

Table 4 - Maximum Grade of Slope – Various Vehicle Configurations

Vehicle Configuration	Slope as Percentage (%)	Slope in Degrees
High Clearance 4WD	30%	18°
High Clearance 2WD	20%	11°
Low Clearance 2WD	18%	10°
Rigid Body Truck	15%	8°

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Articulated Truck	10%	5°

9.18.6 Access Track Pavement Type

For the *Access* track infrastructure being assessed, individual sections of the *Access* track *Pavement* shall be recorded in the data set as one of the following types:

(a) Bitumen surface.

(b) Concrete surface.

(c) Raw material running surface (e.g., CBR 20, gravel, rock).

(d) Bare earth surface.

(e) Grassy surface.

9.18.7 Management of Prohibited and Restricted Biosecurity Matter

(a) The *Service Provider* is to provide training to *Operators* on the management of prohibited and restricted biosecurity matter to ensure that their spread is prevented or minimised.

(b) *Service Providers* and *Operators* are to have an awareness of the prohibited and restricted biosecurity matter occurring at particular *Sites* (the local areas across Queensland where they are operating) when undertaking *Access* track infrastructure condition assessment.

(c) Training should include vehicle inspection and clean down procedure such as those provided by the Queensland Department of Agriculture and Fisheries (daf.qld.gov.au) “Come clean go clean” website or alternatively their Vehicle and machinery clean down procedures brochure for reference and assisting *Service Providers* to develop their own vehicle inspection and clean down procedure.

(d) Where *Invasive Plants* are observed during an *Access* track infrastructure (including wash down facility) inspection and condition assessment, their location, species, and area of infestation is to be recorded in the nominated electronic file format for uploading into the relevant *Energy Queensland* electronic operating system data base.

(e) Where infestations of *Invasive Plants* are identified on or in the vicinity of *Access* tracks (including wash down facilities), record the conditions for vehicle and mobile plant clean down (entry to and exit from the Site, dedicated wash (clean) down bays and other applications) requested by the *Authority / Landholder*.

(f) *Operators* undertaking condition assessment works are to record and provide evidence of their own clean downs (for example, person who cleaned down, date, time, location, method of clean down) on the *Service Providers* supplied form that is equivalent to or exceeds the details of *Energy Queensland* Clean Down Record.

(g) The *Operators* undertaking the *Access* track (including wash down facility) infrastructure inspection and condition assessment are to be trained and competent in *Invasive Plants* identification.

(h) *Operators* undertaking condition assessment works are to record and provide evidence of their own compliance with the protocols for *Access*ing and exiting properties with identified Livestock Protection Assurance Plan and / or Biosecurity Regulation Plan in place and identified with signage at the points of entry to the property.

9.19 Land Stabilisation

(a) Identify the cause of existing and potential future on-site *Erosion* problems, and consider the off-site impacts of any proposed drainage, *Erosion*, and sediment controls.

(b) While undertaking any land management *Service* works, ensure appropriate practices are employed to manage and control soil *Erosion* and sediment movement.

(c) This clause identifies the effects of soil *Erosion* and sediment runoff and the *Erosion* minimization and sediment control systems for use on and near to *Access* track (including wash down facility) infrastructure.

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(d) The widely varying *Site* and soil conditions across *Energy Queensland* distribution network require the availability of a number of solutions to adequately address on-site *Erosion* and sediment control. In accordance with Section 12 of EQL Specification for Land Management - Table H5 - Summary of *Stabilisation* Techniques,) for the *stabilisation* techniques that are available for use.

(e) *The Service Provider* is to develop, implement, maintain, and monitor *Erosion* and sediment control program for the full period land management *Service* works are being provided to prevent controllable *Erosion* and to minimise the adverse effects of *Sedimentation* transport. The degree of *Sedimentation* runoff shall adversely affect downstream environment, for example, the downstream concerns may be related to one of the following forms of pollutant:

(i) Coarse sediment runoff.

(ii) Fine-sediment runoff (turbidity).

(iii) Nutrient runoff (often associated with the finer sediments).

(f) Identify possible *Site* constraints during the pre-works stage of any construction and maintenance, for example:

(i) Soil limitations.

(ii) Topographic limitations.

(iii) Water limitations.

(g) Stage works:

(i) To make best use of existing buffer zones and *stabilized* areas.

(ii) So that most of the ground disturbance occurs outside periods when rainfall is highly erosive.

(h) Materials utilised are to maintain their structural integrity during the construction and maintenance phases and until the *vegetation* (or other final surface condition) establishes effective *Erosion* control.

(i) The widely varying *Site* and soil conditions across the *Energy Queensland* distribution network require the availability of a number of solutions to adequately address on-site *Erosion* and sediment control. In accordance with Section 12 of EQL Specification for Land Management, for the management practices or combination thereof available for given Site conditions.

(j) Monitoring the effectiveness of an *Erosion* and sediment control program is an essential part of responsible *Site* management.

9.20 Creek, Gully and Watercourse Crossing Reinstatement

(a) As far as possible, creek, gully and *Watercourse* crossing reinstatement should:

(i) Cross at right-angles.

(ii) Be situated to avoid box cuts.

(iii) Have minimal associated clearing.

(iv) Be protected by drainage structures immediately above the approach slopes.

(v) Be in accordance with *WCS*1.5 Appendices and the specifications contained within.

(b) If the *Watercourse* bed requires reinstatement with gravel, rock, or stone, excavate the existing *Watercourse* bed surface to the depth of anticipated fill material. The reinstated *Watercourse* crossing surface should be approximate to the original *Watercourse* bed surface level. Remove any resulting spoil from the *Watercourse* bed and banks of the *Watercourse* and dispose of as directed by the *Energy Queensland Officer.*

9.21 Erosion control measures

(a) *Erosion* control measures for use on and near to *Access* track infrastructure during construction and maintenance include and are not limited to:

(i) Reducing *Access* track *Pavement* slope grade and length.

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(ii) Surface roughening, for example contour ripping, tracking.

(iii) Surface protection utilising:

- Mulches.
- Hydro mulch.
- *Erosion* control matting.
- Rock mulching.
- Brush matting.
- Respreading cleared Vegetation.

(iv) Progressively rehabilitating *Disrupted Surfaces* of land.

(v) Diversion banks to divert clean *Surface Run-Off* away from *Disrupted Surf*aces of land.

(vi) Installation of 'U' shaped drains not 'V' drains.

(vii) Reducing flow velocities (flow velocities on unlined drains should not exceed 1 ms^{-1}).

(viii) Lining drainage with *Erosion* control mattress, rock, or concrete.

(ix) Installation of energy dissipaters and stilling ponds.

(x) Installation of grade *stabilisation* structures (for example weirs, flumes and drop structures).

(xi) Correct levelling and grade changes to *Access* track *Pavement* surface.

(b) For a detailed summary of *Erosion* control *stabilisation* techniques refer to Section 12 of EQL Specification for Land Management - Land *Stabilisation*, Table H5, - Summary of Available *Stabilisation* Techniques, of this *WCS*1.5, that specifics the advantages, disadvantages, application, and technical aspects of each *Erosion* control *stabilisation* technique.

9.22 Access Track Windrows

Windrows on either side of the *Access* track *Pavement* surface are to be brought back onto the *Access* track *Pavement* surface during maintenance. Unavoidable windrows are only to be on the lower side of an *Access* track *Pavement* surface and gaps are to be constructed at intervals of 20 to 30 metres to allow dispersal of accumulated runoff (water flow).

9.23 Land Rehabilitation

(a) The aim of land rehabilitation is to prevent or minimise environmental harm, and is to:

(i) Reinstate a "natural" ecosystem as similar as possible to the original ecosystem.

(ii) Reinstate previous land use (e.g., construction *Site* for electricity distribution and transmission network infrastructure).

(b) For land rehabilitation there may be requirements to:

(i) Establish *Vegetation* communities that are demonstrably similar to a pre-existing ecosystem (especially where native *Vegetation* is the proposed land use).

(ii) Establish or enhance the habitat of an endangered species.

(iii) Restore stream patterns where there has been a temporary stream diversion.

(iv) Achieve water quality that meets initial specific beneficial use.

(v) Maintain or restore some specific aesthetic values.

(vi) Preserve specific Cultural Heritage that has been registered for the *Site* (note that these values are managed under legislation).

(vii) Achieve specific socio-economic outcomes (for example, restore high value land necessary to maintain a viable industry).

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(viii) Contractors are to check site for Earth Matting and ensure Gate Assembly doesn't breach Earth Matting on EQL assets. Allowing effective separation and distance from all Earthing.

9.23.1 Land Rehabilitation Compliance

All landscaping construction and maintenance for land rehabilitation is to be in strict compliance with Section 13 of EQL Specification for Land Management, and this *WCS*1.5.

9.23.2 Land Rehabilitation Plan

(a) A land rehabilitation plan is to comprise of drawings that:

(i) Are approved by *Authority* and / or *Landholder* consultation for implementation (Subject to any additional works being approved by the *Energy Queensland Officer*) on the *Site*.

(ii) Outlining *Site* conditions.

(iii) Contain all practice, measures and specifications that are needed to undertake the rehabilitation works.

(iv) Detail *Site* attributes relevant to land rehabilitation works (e.g., soils, topography, drainage, aspect, *Site* resilience and descriptions of reference communities).

(v) Detail rehabilitation landscape zones and selected treatment options. It should reference any opportunities, constraints, or key management considerations (for example bushfire hazard, topsoil management and significant fauna values).

(vi) Clearly depict rehabilitation landscape zones and describe treatments to be undertaken in each zone (for example natural regeneration, assisted natural regeneration, reconstruction, or new planting).

(b) Land rehabilitation plan drawings are to include as a minimum:

(i) *Site* preparation details, for example soil preparation and *Site stabilisation* methods for all areas of exposed soil.

(ii) Proposed plants including species, planting palette, stock size, quantities, locations, and planting modules to demonstrate densities.

(iii) *Invasive Plant* species inventory and details of proposed control techniques.

(iv) Target / reference regional ecosystem for each landscape zone.

(v) Specification for planting methods, preparation fertilizers, plant guards and watering.

(vi) Details of special habitat features to be provided for the enhancement or restoration of habitat values, including specifications for design, installation, and ongoing management (e.g., wildlife movement solutions, nest boxes, ground logs and coarse woody debris).

9.23.3 Land Rehabilitation Maintenance and Monitoring

(a) The maintenance and monitoring plan is to include clear and concise maintenance practices, schedules, and responsibilities to ensure the area is properly maintained over the *Plant Establishment Period* and into the longer term, for additional requirements refer to Section 13 of EQL Specification for Land Management, and this *WCS*1.5.

(b) Methods for monitoring, reporting, and recording data are outlined in Section 12 of EQL Specification for Land Management.

9.23.4 Land Rehabilitation Initial Construction and Implementation

(a) The initial landscaping and implementation of the land rehabilitation plan is to include clear and concise landscape practices, schedules, and responsibilities to ensure the area is properly established, for additional requirements refer to Section 13 of EQL Specification for Land Management and this *WCS*1.5.

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(b) The *Service Provider* is to hold the necessary permits, licenses or qualifications that are required to be held while being responsible for implementing rehabilitation works.

(c) Implement the landscaping construction in accordance with the landscaping and maintenance plan documentation provided to the *Service Provider* that includes and is not limited to:

(i) Section 13 of EQL Specification for Land Management

(ii) Landscape revegetation master plan.

(iii) Detailed planting plan for each landscape zone.

(iv) Planting schedule that includes as a minimum:

- Plant location code.
- Scientific name of plant.
- Common name of plant.
- Plant spacing.
- Supplied pot size range.
- Mature height x spread of plant.
- Number of each species of plant supplied in various pot sizes (e.g., 45 litre pot, 200 mm pot, tube stock).
- Identification of plant species for planting on fire breaks (if required).

(v) Final tree survey plan.

(vi) Landscape maintenance and monitoring plan.

(vii) Controlling *Authority* imposed and / or negotiated *Landholder* acceptance of land rehabilitation conditions and subject to approval by the *Energy Queensland* Officer for any additional works.

9.24 Construction and Maintenance of Access Gates and Fencing Locking Rails

9.24.1 Fencing Gate and Locking Rail Type Specification

Table 5 – Fencing Gate and Locking Rail Type Specification

Fencing Gate Types	Clear Opening (millimetres)	Number of Gate Frames	Availability / Fabrication	Comments
Type 1	4500	1	F&SBSP	-
Type 2	9000	2	F&SBSP	-
Type 3	4800	2	AASIRQ	-
Type 4	2400	1	AASIRQ	Restricted use only: For maintenance of existing gates, Regional Queensland. New installation only with approval of *Energy Queensland Officer*.
Locking Rail	3000	-	F&SBSP	-

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Legend:

F&SBSP	Fabricated and supplied by *Service Provider*.
AASIRQ	Available as stores item Regional Queensland

9.24.2 Extent of Work – General

(a) The work included comprises of and is not limited to:

(i) Fabrication of gate and locking rail components (unless directly supplied as a stores item).

(ii) Clearing of the Worksite (including existing gates and timber posts as required).

(iii) Excavation of foundations.

(iv) Post and stay construction.

(v) Hanging of gates and locking rails.

(vi) Reattachment of existing fencing wire.

(vii) Treatment and disposal of spoil.

(b) Clearing of the *Site*:

(i) Clear gate and locking rail *Sites* of all shrubs, scrub, undergrowth, recovered timber gates and posts, dumped material and surface boulders.

(ii) Remove all debris resulting from *Worksite* clearing to the nearest approved refuse tip off *Site* accepting this class of debris and material.

(c) Excavation of foundations:

(i) Undertake ground excavation for foundation construction where required to suit the clear opening dimensions and surface levels nominated for the gate's and locking rail's construction.

(d) Treatment and disposal of spoil:

(i) Dispose of excess spoil away from Site when required in accordance with controlling Authority requirements for transport and disposal and negotiated *Landholder* acceptance.

(ii) Implement appropriate control measures on Sites containing acid sulphate soils.

9.24.3 Construction Materials – General

(a) Concrete:

(i) All concrete used is to be commercial premixed concrete of minimum Grade 20.

(b) Steel gate and locking rail components:

(i) Galvanise all steel fabricated components to AS/NZS 4680.

9.24.4 Construction of Works – General

(a) Place foundation materials in layers and compact between the placements of each successive layer.

(b) Place premixed concrete with sufficient moisture content to ensure the chemical reaction of cement.

(c) After fixing chain latching eye to the post, destroy the thread to prevent the removal of the nut.

(d) Reinstate any minor damage to galvanising of steel components during construction with cold galvanising paint in accordance with paint manufacturer's specification for application.

9.24.5 Detailed Fabrication and Construction Specification

In accordance with Section 10 of EQL Specification for Land Management, and this *WCS*1.5, for detailed fabrication and construction of gates and locking rails specification.

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9.25 Construction and Maintenance of Wash Down Facilities

9.25.1 Inspection of Existing Wash Down Facilities

(a) The *Operator*(s) is to complete a visual inspection of the wash down facility(s) on each site visit to confirm the wash down facility(s) is still fit for purpose and identify any defects.

(b) The *Operator*(s) is to determine the most appropriate maintenance techniques for managing the restoration of wash down facilities to a fully operational condition for vehicles and / or heavy mobile plant clean downs.

(c) Record (including photographs) the wash down facility infrastructure's condition and identified defects including and not limited to:

(i) Washout or *Erosion*.

(ii) Slips or subsidence.

(iii) Accumulated soil and debris.

(iv) Boggy surface.

(v) *Invasive Plant* growth.

(vi) Geotextile fabric deterioration.

(vii) Silt fence (sediment fence) deterioration.

(d) Where *Invasive Plants* are observed in the vicinity of a wash down facility during inspection and condition assessment, their location, species, and area of infestation is to be recorded in the nominated electronic file format for uploading into the relevant *Energy Queensland* electronic operating system data base.

(e) Inspect and assess the condition of wash down facility infrastructure in accordance with this clause and Section 16 of EQL Specification for Land Management, and this *WCS*1.5.

(f) *Energy Queensland Officer* shall provide, or the *Service Provider* shall have direct *Access* to the *Access* track route and / or network maps and as constructed plans [where applicable and available] for existing wash down facility infrastructure that shall include the clearly identified location of wash down facility infrastructure. Included shall be details of the thoroughfares, entry locations for *Site Access*, environmentally sensitive and protected areas, and tenure details that apply over the extent of the wash down facility infrastructure to be assessed.

9.25.2 Maintenance of Existing Wash Down Facilities

(a) At identified wash down facility infrastructure along the *Access* track route, the *Site*-specific maintenance activities (if any) detailed in the Environmental Management Plan(s) or Environmental Program of Work(s) are to be taken and these maintenance activities take precedence over the maintenance requirements specified in this *WCS*1.5.

(b) *Energy Queensland Officer* shall provide, or the *Service Provider* shall have direct *Access* to the *Access* track route and / or network maps and as constructed *Construction Issue Plans* [where applicable and available] for existing / permanent wash down facility infrastructure that shall include the clearly identified location of wash down facility infrastructure. Included shall be details of the specified maintenance works to be constructed, thoroughfares and entry locations for *Site Access*, environmentally sensitive and protected areas and tenure details that apply over the extent of the wash down facility infrastructure and the surrounding area.

(c) Wash down facility infrastructure and the surrounding area are to be maintained free of stumps, stakes, timber, protruding rocks, holes, or any unevenness which could restrict the *Access* of vehicles and heavy mobile plant required to undertake wash downs of vehicles and heavy mobile plant over the wash down bay prior to leaving the *Site*.

(d) Maintenance construction of wash down facility infrastructure is to be in accordance with this clause, existing as constructed plans [where applicable and available] for existing / permanent wash down

facility infrastructure and in accordance with Section 16 of EQL Specification for Land Management and this *WCS*1.5.

(e) Where an existing wash down facility(s) is inaccessible, eroded, or overgrown, consider alternative locations and opportunities to rebuild the wash down facility infrastructure in a more suitable location, to reduce long term environmental and biosecurity impact and continuing maintenance resources. This relocation is not to occur without *Authority* consultation and the acceptance and the approval of the *Energy Queensland Officer* for the new construction, the decommissioning of the existing wash down facility infrastructure and the rehabilitation of the land at the *Site*.

(f) The Specifications and practices adopted for wash down facility infrastructure construction maintenance are to provide for safe and effective wash downs of vehicles and heavy mobile plant over the wash down bay with minimal environmental and biosecurity impact. Wash down facility infrastructure once maintained is too full comply with all current environmental and biosecurity standards and regulations.

(g) The *Service Provider* is to develop, implement, and maintain a maintenance program for accumulated soil and debris removal and disposal, and *Erosion* and *Sedimentation* control for the full period the wash down facility(s) is operational (prior to decommissioning) to prevent controllable *Erosion* and to minimise the adverse effects of *sediment* transport.

(h) Maintain drainage control including land *stabilisation* and rehabilitation in accordance with this *WCS*1.5 and the EQL Specification for Land Management.

(i) Wash down facilities that are not fully operational are be rectified as soon as practical and prior to vehicles and heavy mobile plant movements along *Access* tracks for electricity network infrastructure construction and maintenance works in the surrounding area.

9.25.3 Construction of New Wash Down Facilities

(a) Specifications utilised for new temporary wash down facility location and construction is to be in accordance with this clause, Section 16 of EQL Specification of Land Management and this *WCS*1.5.

(b) Specifications utilised for new permanent wash down facility location and construction is to be in accordance with this clause, Section 16 of EQL Specification for Land Management, this *WCS*1.5, and the *Site* specific civil and structural engineering design drawing.

(c) Consultation with the relevant *Authority* and the acceptance and the approval of the *Energy Queensland Officer* is required before any new construction is commenced in order for wash down facility infrastructure to provide for safe and effective wash downs of vehicles and heavy mobile plant over the wash down bay with minimal environmental and biosecurity impact.

(d) The Specifications and practices adopted for new wash down facility infrastructure construction are to provide for safe and effective wash downs of vehicles and heavy mobile plant over the wash down bay with minimal environmental and biosecurity impact.

(e) Construction work is not to commence on any new wash down facility infrastructure until both the *Service Provider* and the *Energy Queensland Officer* are satisfied all environmental, biosecurity and cultural considerations / requirements have been addressed and all the necessary *Authority* permits, and plans have been issued to enable the work to commence.

(f) New wash down facility infrastructure and the surrounding area are to be constructed free of stumps, stakes, timber, protruding rocks, holes, or any unevenness which could restrict the *Access* of vehicles and heavy mobile plant required to undertake wash downs of vehicles and heavy mobile plant over the wash down bay prior to leaving the *Site*.

(g) Construct drainage control including land *stabilisation* and rehabilitation associated with new wash down facility infrastructure works in accordance with this *WCS*1.5, the EQL Specification for Land Management and / or as nominated on the *Construction Plan* drawing(s).

(h) Install appropriate *Erosion* and *sediment* control devices during the construction of and while the new wash down facility infrastructure remains operational, or the environmental hazards being controlled cease to exist. Provide anti-erosion controls, for example rock spalls to “V” drains, in accordance

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with this *WCS*1.5, the EQL Specification for Land Management and / or as nominated on the *Construction Plan* drawing(s).

(i) For general wash down facility infrastructure construction criteria and parameters, refer to the following and not limited to listed requirements:

(i) Clear *Site(s)* of wash down facility infrastructure along the *Access* track route, of all shrubs, scrub, undergrowth, dumped trees and timber, and surface boulders.

(ii) Remove all debris resulting from *Worksite* clearing to the nearest approved refuse tip off *Site* accepting this class of debris and material.

(iii) Undertake excavation where required to suit the dimensions and levels nominated for the construction of the wash down facility infrastructure.

(iv) Dispose excess spoil away from the *Site* where required in accordance with the controlling *Authority* requirements for transport and disposal.

(v) Implement appropriate control measures on *Sites* containing acid sulphate soils.

(vi) Using geotextile fabric as an underlay, install Polyester / non-woven or woven geotextile fabric complying with requirements set out in Australian Standard AS 3706 or approved equivalent in the wash down bay. The geotextile fabric is to be continuous and extend fully to the silt fence line.

(vii) The *Pavement* for wash down bay(s), comprises of a single course of quarried 75 – 150 mm diameter grading rock spalls (or equivalent material), with a thickness that is not less than 300 mm below the finished surface of the wash down bay.

(viii) Construct silt fence (sediment fence) around the full perimeter of the wash down bay to contain any *sediment* flows away from the wash down bay. Silt fencing is to extend a minimum of 150 mm below ground level and supported by star pickets. Construction of silt fencing (sediment fencing) is to comply with this *WCS*1.5 and Sections 11 and 16 of EQL Specification for Land Management, and / or as nominated on the *Construction Plan* drawing(s).

(ix) Where wash down facility infrastructure is established on grazing land, suitable fencing (for example barbed wire fencing) [including gates in accordance with Section 9.24, Construction and Maintenance of *Access* Gates and Fencing Locking Rails of this *WCS*1.5] are to be constructed to prevent livestock *Access* to the silt fencing (sediment fencing) and wash down bay.

(x) Where native soil (earth) is excavated on sites, stockpile for later use (for example the decommissioning of a temporary wash down facility) and / or spread topsoil from the excavation over the surroundings to encourage *stabilisation* of the surrounding area. *Stabilise Disturbed* sites with grass seed or other recognised soil *stabilisation* techniques, in accordance with this *WCS*1.5 and / or as nominated on the *Construction Plan* drawing(s).

(xi) Label the wash down facility infrastructure with signage that is consistent with environmental and biosecurity protocols for the operation of the facility.

9.25.4 Decommissioning of Wash Down Facilities

(a) All wash down facility infrastructure that is no longer operational is to be decommissioned and the Site is to be fully rehabilitated.

(b) Record and electronically map the location (latitude and longitude geographic coordinates) of wash down facility infrastructure including the perimeter of the Site. Provide the location data (latitude and longitude geographic coordinates) to the *Energy Queensland* Officer in the nominated electronic file format.

(c) Clear from the Site(s) of wash down facility infrastructure all biosecurity material (for example accumulated *Sedimentation* potentially containing Invasive Plant's seed) and remove to the nearest approved landfill off Site accepting this class of biosecurity material.

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(d) Clear from the Site(s) of wash down facility infrastructure, all construction materials including and not limited to geotextile fabric, rock spalls, silt fencing (sediment fencing), star pickets, livestock fencing and gates.

(e) Remove all discarded construction materials and debris resulting from the clearing of wash down facility infrastructure to the nearest approved refuse tip off Site accepting this class of debris and material.

(f) Fully *Stabilise* and rehabilitate the area where the wash down facility infrastructure was located. The aim of land rehabilitation is to prevent or minimise environmental harm, and is to:

(i) Reinstate a “natural” ecosystem as similar as possible to the original ecosystem.

(ii) Reinstate previous land use (e.g., establishment of pasture species as requested by *Landholder*).

(iii) Establish *Vegetation* communities that are demonstrably similar to a pre-existing ecosystem (especially where native *Vegetation* is the proposed land use).

(g) All landscaping construction and maintenance for land rehabilitation is to be in accordance with Section 13 EQL Specification for Land Management, and this *WCS*1.5.

(h) Undertake *Invasive Plant* eradication of rehabilitated areas by the application of *Herbicide* in accordance with Section 12 of EQL Specification for Land Management, and this *WCS*1.5.

(i) For the first 12 months after land rehabilitation of the Site, the Service Provider is to conduct three monthly Site inspections making note of any plant / grass die-off, Invasive Plant / pest infestations, *Erosion* issues and report back to *Energy Queensland Officer* with any issues identified.

9.26 Construction and Maintenance of Helicopter Landing Sites

9.26.1 General – Helicopter Landing Sites

(a) Existing helicopter landing sites are generally located in remote locations and / or at high altitude locations (for example, a communications site located upon the top of a mountain range peak).

(b) *Access* to existing helicopter landing sites is generally restricted and the majority of *Sites* can only be reached by transporting personnel, materials, and equipment by helicopter to the *Site*.

(c) For helicopter landing sites where the take-off landing area is only a grass / gravel / concrete slab on ground landing area, all construction and maintenance work is to be performed in accordance with this *WCS1.5*.

(d) For helicopter landing sites where the take-off landing area is an elevated / suspended concrete or steel or timber structural pad of the ground, all construction and maintenance work is to be performed in accordance with Section 17 of EQL Specification for Land Management, Refer to the *Energy Queensland Officer* and the *Energy Queensland* civil and structural engineering group for the take-off landing area structural pad inspection requirements and their frequency, and the maintenance requirements and their frequency.

(e) *Energy Queensland Officer* shall provide, or the *Service Provider* shall have direct *Access* to the site-specific helicopter landing site register and as constructed plans [where applicable and available] for existing helicopter landing site(s) that shall include the clearly identified location of the helicopter landing site(s). Included shall be and is not limited to details of:

(i) *Site* latitude and longitude geographic coordinates and elevation.

(ii) Helicopter landing site dimensions, weight limits, markings, lighting, and wind direction indicator locations.

(iii) Helicopter landing site orientation, Visual Flight Rules (VFR) approach and departure path information.

(iv) Adjacent airspace restrictions.

(v) Environmentally sensitive and protected areas.

(vi) Tenure details that apply over the extent of the helicopter landing site to be assessed.

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9.26.2 Inspection of Helicopter Landing Sites

(a) The *Operator(s)* is to complete a visual inspection of operational helicopter landing site(s) on each *Site* visit to confirm the operational helicopter landing site(s) is still fit for purpose, complies with current CASA Guidelines and the requirements of this *WCS*1.5, in accordance with Section 17 of EQL Specification for Land Management, EQL Aviation Standard of this *WCS*1.5. and identify any defects.

(b) The *Operator(s)* is to determine the most appropriate maintenance techniques for managing the restoration of helicopter landing site to a fully operational condition for helicopter operations.

(c) Record (including photographs) the helicopter landing site infrastructure's condition and identified defects including and not limited to:

(i) Structural integrity of the take-off landing area (for example, concrete landing pad surface damage, cracking, and spalling of concrete or grassed / gravelled landing pad surface washout or *Erosion*, or boggy surface).

(ii) Washout or *Erosion* present over the full extent of the 26-metre wide (circular or square) cleared safety area

(iii) Slips or subsidence present over the full extent of the 26-metre wide (circular or square) cleared safety area

(iv) Accumulated soil, debris, and rubbish present over the full extent of the 26-metre wide (circular or square) cleared safety area

(v) Boggy surface present over the full extent of the 26-metre wide (circular or square) cleared safety area

(vi) *Vegetation* regrowth present over the full extent of the 26-metre wide (circular or square) cleared safety area.

(vii) *Vegetation* regrowth impacting the approach and take off surface profile in accordance with Section 17 EQL Specification for Land Management and EQL Aviation Standard

(d) Inspect and assess the condition of the helicopter landing site infrastructure in accordance with this clause of this *WCS*1.5 and in accordance with Section 17 of EQL Specification for Land Management and EQL Aviation Standard.

9.26.3 Maintenance of Helicopter Landing Sites

(a) At the identified helicopter landing site, the *Site*-specific maintenance activities (if any) detailed in the Environmental Management Plan(s) or Environmental Program of Work(s) are to be taken and these maintenance activities take precedence over the remainder of the maintenance requirements for the helicopter landing site as specified in this *WCS*1.5.

(b) Maintenance construction of helicopter landing site(s) is to be in accordance with this clause, existing as constructed plans [where applicable and available] for existing helicopter landing site(s), in accordance with EQL Aviation Standard and Section 17 EQL Specification for Land Management and of this *WCS*1.5.

(c) The Specifications and practices adopted for helicopter landing site(s) maintenance (including associated construction works) are to enable the landing and take-off of helicopters to be completed safely from the take-off landing area on the helicopter landing site with minimal environmental and biosecurity impact. Helicopter landing site(s) once maintained is to full comply with all current CASA regulations and guidelines, and current environmental and biosecurity standards and regulations.

(d) For helicopter landing site(s) maintenance (including associated construction works) criteria and parameters, refer to the following and not limited to listed requirements:

(i) Helicopter landing site is to be site specific and with a minimum cleared area of 26 metres (circular or square) [for example, to accommodate at a minimum a single engine performance class 3 helicopter].

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(ii) Helicopter land site is to be cleared of regrowth *Vegetation* for a minimum area of 26 metres (circular or square) or in accordance with existing development application conditions.

(iii) Ensure the take-off landing area is cleared of regrowth *Vegetation*, debris and rubbish. The *Service Provider* is to ensure all resulting debris from the *Site* maintenance is removed from the *Site* with no debris remaining unless approved otherwise by the controlling *Authority*.

(iv) The cleared area is to be free draining away from take-off landing area at completion of the maintenance works.

(v) Grade any scour(s) or areas where exposed *Erosion* has occurred and reinstate by the placement and compaction of CBR 45 graded material, where the CBR 45 graded material is placed on the take-off landing area, the material is required to be compacted to 98% of the modified dry density of the material to AS1289.5.2.1.

(vi) The preferred reinstatement method of surface for the helicopter landing site during maintenance is the establishing of grass cover, or hardstand gravel is also an acceptable reinstatement surface.

(vii) The take-off landing area pad surface is to slope evenly down from crown to the pad perimeter edge, ensuring no ponding on the take-off landing area. (Typically, a 200mm fall in height from the centre point to the edge of pad perimeter where practical.)

(viii) Where practical construct local cut-off drains to re-direct storm water runoff around the take-off landing area pad.

(ix) Clear *Vegetation* regrowth impacting the approach and take off surface profile in accordance with Section 17 of EQL Specification for Land Management, EQL Aviation Standard and this *WCS*1.5. (Note that there may be the retention of *Vegetation* in the approach and take off surface profile that is outside of *Energy Queensland's* control.)

9.26.4 Construction of New Helicopter Landing Sites

(a) Specifications utilised for construction of a new helicopter landing site is to be in accordance with this clause, Section 17 of EQL Specification for Land Management, this *WCS*1.5 and the *Site* specific civil and structural engineering design / construction drawing provided by the *Energy Queensland* Officer (e.g., *Energy Queensland* civil and structural engineering group).

9.27 Completion Of Work

The *Service Provider* is to confirm completion of *Services* when they have finalised all construction, condition assessment and maintenance works at the *Worksite(s)*.

9.28 Damage

(a) For the prevention and management of damage, refer to *WCS*133, Clause 9.23 - Damage.

(b) For the prevention and management of damage specific to this category of work refer to the below included references and clauses.

(c) Rebuild without delay; any infrastructure it may damage and, in all cases, make temporary arrangements to restore / replace to its former effectiveness immediately following the occurrence of the damage.

10. RECORDS

(a) For records requirements, refer to *WCS*133, Section 10 - Records.

(b) For records requirements specific to this category of work refer to the below included references and clauses.

(c) Incorporate photographs in the report of the 'as found condition' of *Access* tracks, *Minor Creek Crossings*, *Infrastructure Drainage*, and gates including the extent of degradation, *Erosion* or corrosion of infrastructure.

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(d) Records and data transfers between *Energy Queensland* and the Service Provider are to be in the nominated format. (For example, nominated electronic file format enter into the relevant Energy Queensland electronic operating system data base directly when requested to do so by the Energy Queensland Officer.)

10.1 Returned Powerlink Documentation

Service Providers undertaking the Powerlink construction and maintenance works shall be required to provide additional completed works documentation and data when and as requested by the *Energy Queensland Officer*. Powerlink documentation and data includes and is not limited to:

(a) *Access* track restoration report.

(b) Wash down record and external party certificates.

(c) Hygiene declaration for imported materials.

(d) Creek crossing checklist.

(e) L.I.R.A (*Landholder* interaction recording application).

(f) QESI Code pre and post work notifications for protected areas.

(g) Plant and machinery daily pre-start with machinery hours / kilometres recorded.

11. WORK VERIFICATION

For work verification requirements, refer to *WCS*133, Section 11 – Work Verification.

12. GLOSSARY

(a) For standard definition of words, acronyms and abbreviations used in this *WCS*, refer to *WCS*133, Section 12 - Glossary.

(b) For additional definitions of words, acronyms, and abbreviations specific to this category of work, refer below.

Term	Definition
Access	Means to approach *Energy Queensland* infrastructure in field locations, primarily *Access* track infrastructure, helicopter landing points and four-wheel drive remote and isolated terrain (*Access* routes).
Access Track Priority / Access Track Priorities	The categories given to *Access* track infrastructure that defines how quickly the maintenance / reinstatement work shall be required, for example: ▪ P1 requires immediate maintenance / reinstatement as it presents a hazardous condition for *Access* purposes. ▪ P2 requires maintenance / reinstatement within nine months. PM requires reassessment on the next maintenance cycle.
ACDC	Agricultural Chemicals Distribution Control
Batter / Slope Face	The vertical (usually on an angle) surface of an area that has been cut or filled to create a bench or *Access* track.
Competent Person	A person who has acquired through training, qualification, experience or a combination of these, the knowledge and skill enabling that person to correctly perform the required task.
Disrupted / Unprotected Surfaces	Surfaces that have been stripped bare of *Vegetation* cover or ripped up during the course of undertaking construction / maintenance activities and which remain unprotected and susceptible to erosive forces (e.g., rain, wind).

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Term	Definition
Energy Queensland	Any member of the Energy Queensland Group of companies for example Energex, Ergon Energy Network etc.
EQL	Energy Queensland Limited
Erosion	The wearing away of the land surface by water, rainfall, wind or other natural geological agents.
EWP	Elevated Work Platform
Ground Distribution **	The spraying or dispersing of *Herbicide* from ground equipment.
Hazardous Area **	An area determined by an *Authority*, which would be adversely affected by the application of *Herbicide*s.
Herbicide	A chemical which kills plants (*Vegetation*).
Herbicide Treatment**	Means the application of *Herbicide* formulations, either neat or diluted, to *Vegetation*. This may include the addition of other chemical formulations to the *Herbicide* mixture to enhance the effectiveness of the mixture (*Surfactants*). There are various means of *Herbicide Treatment* which include *Herbicide* spraying, basal bark application, *Stem Injection*, cut stump or the application of pelletised *Herbicide*.
Infrastructure Drainage	Defined as a system of drainage to prevent moisture (e.g., storm water) ponding around and the build-up of soil and debris around tower legs, mono and multi structure poles and columns (wood / concrete / steel) and their foundations at ground level.
Invasive Plants (Weeds)	*Vegetation* identified under the *Laws* including the Biosecurity Act (as amended), which have or could have a serious economic, environmental, or social impact.
Landholder	Means the owner or an *Occupier* or *Authority* having jurisdiction over the particular parcel or land, easement, road reserve or similar.
Minor Creek Crossing	Defined as a dry or shallow crossing with water an average depth of up to 500 mm during periods of flow.
Occupier	The tenant, who may not necessarily be the owner of the land.
Overhead Conductors	*EQL* overhead mains (that are conductors of electricity) energised at voltages up to and including 132kV including open and insulated services.
Patch Gravelling	A process of laying a mixture of coarse mineral particles less than 75mm in equivalent diameter on the driving surface of the *Access* track *Pavement*.
Pavement	The *Access* track running surface.
RGVM	Registered Gross Vehicle Mass
Sedimentation	The deposition of soil or rock particles that have been transported by water or wind which have slowed down to the point where the transported particles drop out or accumulate.
Stabilise / Stabilising / Stabilisation	Protecting a surface to prevent (further) *Erosion* of an area – can use *Vegetation* or artificial means (e.g., rock, concrete, or matting).

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Term	Definition
Surface Run-Off	Water from rainfall that is not absorbed or detained, and so becomes surface flow.
Vegetation	Any plant growth living or dead.
Watercourse	As per the Water Act (Qld) description being, "a river, creek, or stream, including a stream in the form of an anabranch or tributary, in which water flows permanently or intermittently, regardless of the frequency of flow events: (a) in a natural channel, whether artificially improved or not; or (b) in an artificial channel that has changed the course of the stream and includes in-stream islands, benches, and bars". Refer to the Queensland Water Act for the complete definition and for the meaning of other terms used in that Act.
Whoa-boy	A trafficable diversion banks - *(They are constructed to divert water off the track without causing erosion and allowing vehicles or people to cross over them).*
WCS	Means work category specification.
** Specific to *Herbicide Treatment*.	

13. REFERENCES

(a) For reference requirements, refer to *WCS*133, Section 13 - References.

(b) For additional reference requirements specific to this category of work refer to the below included references and clauses.

13.1 Available Documents

Make available (at all times) to Infield *Operators*, the relevant documents / forms listed in Table 6 for verifying *Service* requirements.

Table 6 – Available Documents

Document Reference	Detail / Description
Electrical Safety Office	Code of Practice Working in the Vicinity of Overhead and Underground Electric Lines
EQL	EQL approved Construction Plan and associated drawings and instructions.
EQL Form	*Access* Track Condition Assessment Data Capture
EQL Form	Environmental Assessment Response T111
EQL Form	Clean Down Record
EQL Form	Cultural Heritage Assessment
EQL Work Category Specification	*WCS*1.5 Land Management.
EQL Work Category Specification	*WCS*1.5A Land Management Assessment
EQL Work Category Specification	*WCS*1.6A Vegetation Management Plan - Assessment
EQL Work Category Specification	*WCS*1.7A Vegetation Treatment Near Electricity Networks
EQL Work Category Specification	*WCS*133 General Standards and Conditions
Energy Queensland Electrical Network System drawings	Relevant Electrical Network geographical information required for actioning all work at the Worksite.
Energy Queensland	Record of Distribution of *Herbicides*.
Manufacture's Safety Data Sheet	*Herbicide* Safety Data Sheets and Labels.
Manufacture's operation and maintenance manuals	Operation & Maintenance manuals specific to plant and equipment being supplied/used onsite.
Department of Agriculture and Fisheries	Fish Habitat Area code of practice - The lawful use of physical, pesticide and biological controls in a declared Fish Habitat Area
Powerlink Qld - LIRA	*Landholder* Interaction Recording Application

Work Category Specification WCS1.5

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Document Reference	Detail / Description
Safe Work Australia – Safety Data Sheets	Safety Data Sheet and Label for all chemicals used at Worksite, for example fuel, hydraulic oil.
Service Provider	Safe Work Method Statements & associated Work Instructions.
Service Provider	Service Provider's *Herbicide* application data

13.2 Recommended Documents

Refer below for the recommended documents that are of relevance.

13.2.1 EQL Documents

Table 7 – EQL Documents

Document Reference	Detail / Description
EQL	*Access* Track Condition Assessment Data Capture Sheet
EQL	Clean Down Record
EQL	Environment and Cultural Heritage Conditions for Contracted Work
EQL	Environmental Management Plan (EMP)
EQL	HSE Incident Management Requirements
EQL	Specification for Land Management
EQL	Standard for Fatigue Management
EQL	Standard for Heat Stress Management
EQL	Standard for Remote and Isolated Work
EQL	Work Health and Safety Conditions for Contracted Work R116
EQL Work Category Specification	*WCS*1.5A Land Management Assessment
EQL Work Category Specification	*WCS*1.6 *Vegetation* Management Plan
EQL Work Category Specification	*WCS*1.6A *Vegetation* Management Plan - Assessment
EQL Work Category Specification	*WCS*1.7 *Vegetation* Treatment Near Electricity Networks
EQL Work Category Specification	*WCS*1.7A *Vegetation* Treatment Near Electricity Networks
EQL Work Category Specification	*WCS*1.8 *Vegetation* Clearing by Mechanical Plant Near Electricity Networks.
EQL Work Category Specification	*WCS*1.8A *Vegetation* Clearing by Mechanical Plant Near Electricity Networks - Assessment
EQL Work Category Specification	*WCS*133 General Standards and Conditions

13.2.2 Queensland Acts and Regulations

(a) For Queensland Acts and Regulations, refer to *WCS*133, Section 13.2.2 – Queensland Acts and Regulations.

(b) For additional Queensland Acts and Regulations specific to this category of work, refer to the latest version of the Acts & Regulations below:

Acts

- Aboriginal Cultural Heritage Act.
- Agricultural Chemicals Distribution Control Act
- Biosecurity Act
- Chemical Usage (Agricultural and Veterinary) Control Act.
- Environment Protection and Biodiversity Conservation Act.
- Environmental Protection Act.
- Fire and Emergency Services Act.
- Fisheries Act
- Marine Parks Act.
- Nature Conservation Act
- Pest Management Act.
- Torres Strait Islands Cultural Heritage Act.

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- *Vegetation* Management Act.

Regulations

- Agricultural Chemicals Distribution Control Regulation
- Biosecurity Regulation.
- Chemical Usage (Agricultural and Veterinary) Control Regulation.
- Environmental Protection Regulation.
- Marine Parks Regulation.
- Nature Conservation (Administration) Regulation.
- Nature Conservation (Wildlife) Regulation.
- Work Health and Safety QLD- Managing the risks of plant in the workplace - Code of Practice.
- Work Health and Safety QLD – Mobile Crane Code of Practice.
- Work Health and Safety QLD – Safe Design and Operation of Tractors Code of Practice.

13.2.3 Australian Standards and Other Documents

(a) For Australian Standards and other documents, refer to *WCS*133, Section 13.2.3 – Australian Standards and other Documents.

(b) For additional Australian Standards and other documents specific to this category of work, refer below:

- Australian Standard AS 4454 - Composts, soil conditioners and mulches.
- Australian Standard AS/NZS 1418.5 - Cranes, hoists, and winches-Part 5: Mobile cranes (EN 13000, MOD).
- Australian Standard AS 2550.5 - Cranes, hoists, and winches - Safe use - Mobile cranes.
- Australian Standard AS 3706.0 - Geotextiles - Methods of test - General introduction and list of methods.
- Australian Standard AS/NZS 4680 - Hot-dip galvanized (zinc) coatings on fabricated ferrous articles.
- Australian Standard AS1289.5.2.1 - Methods of testing soils for engineering purposes; Method 5.2.1: Soil compaction and density tests — Determination of the dry density / moisture content relation of a soil using modified compaction effort.
- Australian Standard AS 3743 - Potting mixes.
- Australian Standard AS 4970 - Protection of trees on development sites
- Australian Standard AS 4373 – Pruning of amenity trees.
- Australian Standard AS 4419 - Soils for landscaping and garden use.
- Code of Practice - Maintenance of Electricity Corridors in Queensland's Parks and Forests.
- Department of Agriculture and Fisheries - Accepted development requirements for operational work that is the removal, destruction, or damage of marine plants.
- Department of Agriculture and Fisheries - Accepted development requirements for operational work that is constructing or raising waterway barrier works.
- Fish Habitat Area Code of Practice - The lawful use of physical, pesticide and biological controls in a declared Fish Habitat Area

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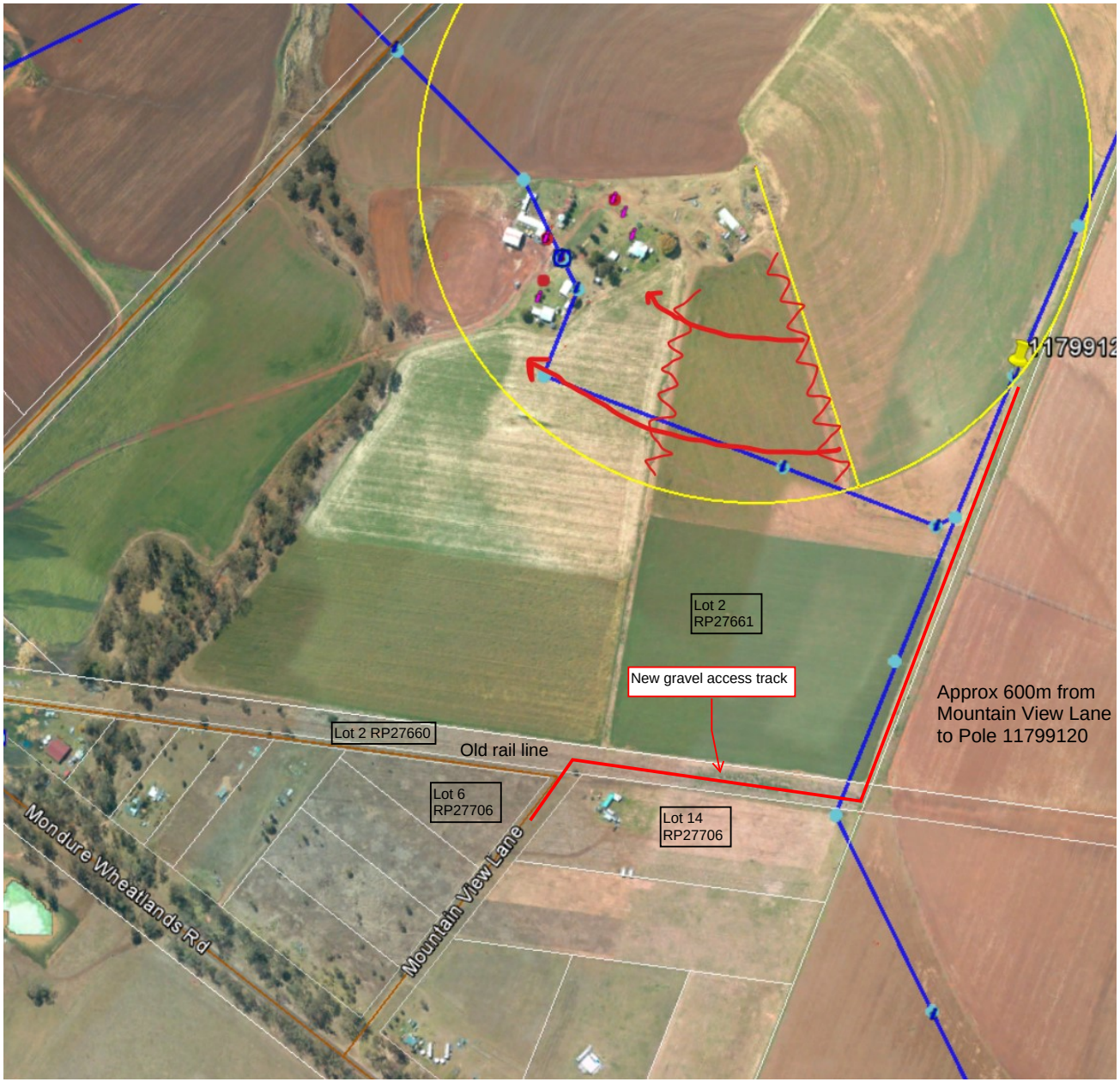
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Lot 2
RP27661
New gravel access track
Approx 600m from
Mountain View Lane
to Pole 11799120
Lot 2 RP27660
Old rail line
Lot 6
RP27706
Lot 14
RP27706
Mondure Wheatlands Rd
Mountain View Lane

INTERNAL CURRENT STATE TENURE SEARCH
QUEENSLAND TITLES REGISTRY PTY LTD

Search Date: 14/05/2024 14:06 Title Reference: 48005795
Date Created: 27/02/2010

Previous Title: 40008706

LAND DESCRIPTION

Estate in PERPETUITY

LOT 2 REGISTERED PLAN 27660
Local Government: SOUTH BURNETT

REGISTERED LESSEE

Dealing No: 712575711 07/07/2009

THE STATE OF QUEENSLAND
(REPRESENTED BY DEPARTMENT OF TRANSPORT AND MAIN ROADS)

PERPETUAL TENURE INFORMATION

For Conditions, Primary Tenure information including Purpose and Term of Tenure, refer to title reference 40008706

ENCUMBRANCES, EASEMENTS AND INTERESTS

1. SUB LEASE No 710837899 24/07/2007 at 11:22
WONDAI SHIRE COUNCIL
TERM: 01/07/2007 TO 01/07/2037 OPTION AS THEREIN STATED
Lodged at 11:22 on 24/07/2007 Recorded at 09:25 on 09/08/2007

ADMINISTRATIVE ADVICES - NIL
UNREGISTERED DEALINGS - NIL

Caution - Charges do not necessarily appear in order of priority

** End of Current State Tenure Search **

Information provided under section 34 Land Title Act (1994) or section 281 Land Act (1994)

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14.11 OLD PAVERS FROM BLACKBUTT TOWNSHIP REDEVELOPMENT

File Number: **17/07/2024**

Author: **Acting General Manager Liveability**

Authoriser: **Chief Executive Officer**

PRECIS

Request use for the old pavers from Blackbutt Township Redevelopment.

SUMMARY

The Blackbutt Tennis Club Inc. has written to Council asking if they could utilise the old pavers from the Blackbutt Township Redevelopment project to create a base for the bulker bags for the Containers for Change.

OFFICER'S RECOMMENDATION

That Council resolves to donate pavers to the Blackbutt Tennis Club Inc for the use of creating a base for the bulker bags at the Blackbutt Containers for Change under Council Disposal of Asset Policy 3.2.3 Exceptions for Valuable Non-Current Asset Contracts.

Under *Section 236* of the *Local Government Regulation 2012* provides for the following exemptions to *Section 227*;

b) the valuable non-current asset is disposed of to:

i) a government agency; or

ii) a community organisation

FINANCIAL AND RESOURCE IMPLICATIONS

Nil financial and resource implications

LINK TO CORPORATE/OPERATIONAL PLAN

EC6 – Appropriately support and encourage volunteers, advisory groups and community organisations to value add to Council's services and infrastructure.

COMMUNICATION/CONSULTATION (INTERNAL/EXTERNAL)

Cr Little attendance Blackbutt Tennis Association meeting to discuss the project and use of pavers to set up an area for the containers for change. Acting General Manager has liaised with internal Council departments and can confirm the pavers have no further use for Council.

LEGAL IMPLICATIONS (STATUTORY BASIS, LEGAL RISKS)

No direct Legal Implications

POLICY/LOCAL LAW DELEGATION IMPLICATIONS

No direct Policy/Local Law Delegation Implications

ASSET MANAGEMENT IMPLICATIONS

As per Council's Disposal of Assets Policy;

3.2.3 Exceptions for Valuable Non-Current Asset Contracts. Under Section 236 of the Regulation provides for the following exemptions to Section 227;

b) the valuable non-current asset is disposed of to:

i) a government agency; or

ii) a community organisation

Other option would be for the pavers to be auction at Council's next community auction and the Club can bid.

REPORT

The Blackbutt Tennis Club Inc has written to Cr Little regarding the old pavers that are being stored at the Blackbutt Wastewater Plant. They are left over from the Blackbutt Township Redevelopment project. At the time of the project Council did offer the pavers to local community groups, some group did accept the offer. The remaining pavers where then stored.

The Club would like to use the pavers to create a base for the bulker bags that are used to hold bottle and can at the Blackbutt Containers for Change site. In their correspondence to Cr Little the Club has said they will only take the number of pavers required for their project.

ATTACHMENTS

Nil

14.12 SOUTH BURNETT REGIONAL COUNCIL CLIMATE CHANGE ADAPTATION STRATEGY (AND ACTION PLAN) 2024-2034

File Number: **17072024**

Author: **Acting Manager Environment & Planning**

Authoriser: **Chief Executive Officer**

PRECIS

The report presents to Council the DRAFT SBRC Climate Change Adaptation Strategy (and Action Plan) 2024-2034 for its further consideration and adoption.

SUMMARY

In early 2022 Council received funding from the State's 2022-24 Local Government Grants and Subsidies Program - Planning to prepare a regional climate change adaptation strategy. The Strategy has now been drafted and includes a broader action plan. This Strategy seeks to guide future decision making around council's operations and how it may incorporate actions to mitigate against, prepare for, and work through all kinds of climate related challenges that may impact on the business.

The report provides a broad overview of its preparation and the various actions for consideration.

OFFICER'S RECOMMENDATION

That South Burnett Regional Council resolved to:

1. Note the content of this report.
2. Adopt the SBRC Climate Change Adaptation Strategy (and Action Plan) 2024-2034 to be utilised in guiding future Council strategic, budgetary, and operational decisions.

FINANCIAL AND RESOURCE IMPLICATIONS

Council received external funding to prepare the Strategy through the State's 2022-24 Local Government Grants and Subsidies Program – Planning. The total budget was $38,000 ex GST. (Budget Item 23/24FY – Business Unit 1165 – Project 100512).

The ongoing implementation of this Strategy and Action Plan will be shared across all Directorates. The action plan identifies those respective areas of responsibility.

The scope of the consultancy did noy include the development of cost estimates to undertake the proposed actions that have been identified.

The actions that have been identified are on the basis that they, generally, can be implemented via existing Council programs and projects. The intention is that by utilising a climate change adaptation lens over existing policies, programs, and proposed projects, many of the actions can be delivered at minimal or no additional cost to Council and maybe achieved through existing business resources.

The exception is the development of a drought preparedness plan which was identified as a key priority in late 2023.

LINK TO CORPORATE/OPERATIONAL PLAN

Council's current Corporate Plan 2021-2026 supports the actions recommended through a range of key priorities identified below.

- EC7 Development and implementation, in consultation with local communities, of realistically achievable rural resilience programmes.

- GR8 Support and advocate for appropriate growth and development with responsive planning schemes, processes, customer service and other initiatives.
- GR14 Support our community and key stakeholders to build a plan for our region's eventual coal transition.
- EN2 Develop and implement energy efficient initiatives to reduce Council's energy / carbon footprint.
- EN3 Continue to provide and investigate options to improve waste reduction, landfill management and recycling.
- EN5 Encourage responsible investment in renewable energy.
- EN6 Encourage investment in transport innovation, for example electric vehicles and charging stations.
- EN7 Support initiatives that promote and protects biodiversity, natural resource management and caring and retaining our unique landscapes.
- OR5 Continue to give priority to ongoing financial sustainability and prudent budget management.

COMMUNICATION/CONSULTATION (INTERNAL/EXTERNAL)

The final draft strategy maintains an internal focus on Council's operations.

An internal workshop was held on 4 October 2023 with Councillors and Senior Executive to gain a greater understanding of SBRC's desired approach to Climate Change Adaptation, to further explore the scope of the project and to discuss in broad detail, actions likely to be supported.

Mead Perry Group prepared a survey, and this was sent to all senior staff as an information gathering exercise for all existing actions occurring within Council.

An Initial draft report was submitted to Council on 22 January 2024 for feedback and to initiate further opportunity to explore the drafted actions. Due to staff changes within the organisation, this review was delayed. The initial draft was reviewed in April/May with feedback provided to the consultants.

Part of the feedback was recast the final strategy and for it to be rescoped to focus solely on internal actions for Council. The reasoning for this change was due to the facts that the grant funding had to be expended and acquitted by 30 June 2024. Given the document had not publicly consulted, it would be difficult to propose a range of actions that may seek to impose actions to be undertaken by others outside of Council's control.

In the absence of a broader external consultation program, it was best that any Strategy seek to focus on Council operations and how it may, as an organisation, be able to undertake actions within its control, to become more climate resilient into the future.

It is also noted that to have this matter adopted and to meet funding acquittal timeframes, the proposed actions have not been widely communicated internally prior to this report being presented. The proposed actions are time bound however these times may be amended and are subject to financial and physical resourcing. The project scope did not include the preparation of costings for each of the actions identified.

Council may wish to, at some time in the future, seek to amend its Strategy to become a more outward facing document with the support of its community and regional industries. If the region is to be successful in becoming more climate resilient then it will require community/industry sector education, greater awareness and buy in. Council cannot do it alone.

LEGAL IMPLICATIONS (STATUTORY BASIS, LEGAL RISKS)

This Strategy and accompanying action plan seek to provide Council with guidance with its future decision making associated with climate adaptation. into the future. As mentioned above, identified actions have not been costed as part of the initial consultancy scope. Therefore, there is some risk associated with non-costings being available in adopting the Strategy. The draft actions, however,

have been framed to allow them to be included in future operational and budgetary deliberations with manageable timeframes within this current term of council. Some actions are ongoing and of a longer timeframe.

There are no immediate legal implications identified in adopting the draft Strategy with its proposed content and actions.

Having an adopted Strategy and action plan demonstrates Council has considered and is committed to climate adaptation within its own operations. This may assist Council with future applications to undertake some of the actions identified.

POLICY/LOCAL LAW DELEGATION IMPLICATIONS

The adoption of the Strategy and action plan may impact on future policy directions for council. For example, actions identified in the built environment, waste, transport, water management delivery areas and so on, will influence future policy directions and decisions.

The adoption of this Strategy aligns with Council's Environmental Sustainability Policy adopted on the 28 June 2023.

ASSET MANAGEMENT IMPLICATIONS

The Strategy and its action plan will have some implications on asset management programs. Future design and actions will need to cater for climate resilience and adaptation. There are several proposed actions that may have implications on the future asset management and upgrades. For example, lighting upgrades to reduce ongoing emissions, implementation of energy efficiencies across all of council's facilities, and creating drought tolerant plantings across operations, are some example implications that may result from the Strategy's adoption.

REPORT

Consultants Mead Perry Group were commissioned in September 2023 to provide Council with climate change consultancy services in developing a new climate change adaptation strategy.

The following deliverables were identified in the brief:

- Identify existing practices that are contributing to improved climate change outcomes.
- Identify opportunities to initiate or change existing practices to enhance positive climate change outcomes.
- Identify opportunities to invest in Council infrastructure that extends its useable life and improve its resilience to climate change and disaster events.
- Provide a report with findings, recommendations, and an action plan to guide Council in its decision making in this area.

The consultancy was funded through external funding, as identified in the financial implications section above.

Due to several ongoing constraints through staff turnover, leave and so on, and lateness of the consultancy engagement, this project was delayed. The opportunity for broader internal consultation was limited. External consultation was not undertaken.

The draft Strategy and accompanying action plan, as proposed, meets the intent of the funding applied for. Whilst it would have been worthwhile to undertake a comprehensive community

consultation program with surveys and workshops, the constraints identified above, impacted on progressing this process within the funding timeframe available.

It is noted that engagement with Council identified an important action being the development of a Drought Preparedness Plan that explicitly addresses the changing demographics of the region. This Plan would focus on informing and assisting new rural property owners in the region to better understand the consequences of drought and how they can be better prepared for its impacts. The preparation of such a plan has been identified in the action plan.

ATTACHMENTS

1. SBRC Climate Change Adaptation Plan (Final Draft - July 2024) ⇩



Climate Change Adaptation Strategy
July 2024

(Adopted CM xx / 7 / 2024 Item Number xx)

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Adoption by Council

(Adopted CM xx / 7 / 2024 Item Number xx)

ECM Version Control

Version Control	Date
ECM 3188387	July 2024

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Acknowledgement

We acknowledge and respect the Wakka Wakka and Auburn Hawkwood people, the traditional owners of this land that we live, work and play and respect their cultures, their ancestors and their elders past, present and future generations.

Abbreviations

CSIRO	Commonwealth Scientific and Industrial Research Organisation
DPF	Diesel Particulate Filter
EGR	Exhaust Gas Recirculation
EOL	End of Life
ICT	Information Computer Technology
IPCC	Intergovernmental Panel on Climate Change
LED	Light-Emitting Diode
SBRC	South Burnett Regional Council
UN	United Nations
UNFCCC	United Nations Framework Convention on Climate Change
VIC	Visitor Information Centre

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1 Introduction

This Climate Change Adaptation Strategy has been produced by South Burnett Regional Council (SBRC) in response to the changing climate in our local region. The concept of climate change has been extensively referenced throughout this document. However, Council understands that not all SBRC residents embrace the idea of climate change.

The core premise of the Climate Change Adaptation Strategy is that, as a region, we have faced and will continue to face extreme weather events, from floods to drought, and everything in between, including heatwaves, severe storms, and bushfires.

While it's not the only stakeholder or agency responsible for preparing for climate change, Council has a responsibility to help its community prepare for and mitigate against the widespread impacts the changing climate has on our region. This responsibility extends to infrastructure, assets and services and ensuring that they are designed, constructed, and maintained, and are robust enough, to respond to these climate changes.

The core purpose of this plan is to help protect the South Burnett region and build climate resilience, no matter what the cause of these events.

In 2023, South Burnet Regional Council Councillors joined a growing number of Councils recognising the serious risk that a changing climate poses to the safety of our community, and that immediate action is required to build community resilience in response to the local impacts of a changing climate.

The decision to develop a Climate Change Adaptation Strategy (2024 to 2034) came following the adoption of Council's Environmental Sustainability Policy in 2023. It provides a strategic context and roadmap to building resilience in response to the effects of a changing and variable climate.

South Burnett Region, like the rest of Australia and many parts of the world, expects the changing climate to exacerbate the frequency and severity of events such as floods, droughts, heatwaves, severe storms, and bushfires.

This Adaptation Strategy and Action Plan will ensure Council embeds consideration of a changing climate into all corporate decision-making. It will guide our planning and response to both slow moving and fast changes in our climate and provide a clear pathway forward. It also aligns with our goal of developing an understanding of Council's current greenhouse gas emissions as a baseline for future action.

This Strategy has been created to ensure the South Burnett Regional Council is in the best position possible to mitigate against, prepare for, and work through all kinds of climate related challenges and emergencies that effects its business.

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To best mitigate, adapt to, and build resilience in response to a changing climate in our region, four pillars of positive action are identified:

1) Environmental action
2) Governance and operations
3) Community action
4) Commerce and industry action

Under these four pillars, nine high level goals have been identified:

1. Environmental Action

a. To develop an understanding of Council's current greenhouse gas emissions as a baseline for future action.
b. To ensure a climate responsive built environment.
c. To protect and enhance our natural environment.
d. To transition to a circular economy.
e. To reduce our emissions by embracing affordable, efficient, and renewable energy solutions.

2. Governance and Operations

a. Council will lead in climate change preparedness and management, with an educated, mindful, responsive culture within its own operations, and encourage other sectors in the South Burnett region to do the same.
b. To strengthen resilience as an organisation, ensuring Council is prepared, ready and adaptive to climate change related events.

3. Community Action

a. To build an educated, engaged, resilient and responsive community through conversations, workshops, and information sharing.

4. Commerce and Industry Action

a. To work proactively and collaboratively with local business, industry and other agencies to build a more resilient and supportive business network within the region that has strong connections both within and external to the region.

By taking steps to understand and improve our capacity to respond to a changing climate, resilience of our organisation and our community will be enhanced.

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2 The Story So Far

2.1 About the South Burnett Region

Located on the edge of the Great Dividing Range and set against a backdrop of the Bunya Mountains, the South Burnett comprises a unique blend of vibrant country towns, and associated rural and supporting industries, set amongst a scenic rural landscape, enjoying a relaxed and laid-back living.

It is part of the Wide Bay–Burnett region, which extends from the northern edge of the Sunshine Coast to the coastal town of Winfield, and inland to the orchards and grazing areas of the Burnett. The region occupies 3% of the state's total area and includes around 7% of the state's population.

Situated inland from the Sunshine Coast and an easy two-hour drive from Brisbane, the South Burnett is a great place to make a home. In the past our region was best known for its peanuts – the "Peanut Capital of Australia".

The South Burnett however, offers much more. Residents enjoy a relaxed country lifestyle, contrasted with abundant opportunities and possibilities afforded by well-established and innovative industries. From agriculture, manufacturing, mining and renewable energy, to art, culture, tourism, health and quality education, the South Burnett really does have it all.

The region is blessed with rich agricultural land that produces high-quality agricultural products for both domestic and international markets including peanuts, navy beans, maize, wheat, grain, dubosia and sorghum.

The region also boasts Swickers - Queensland's only export accredited pork abattoir. The local wine industry is gaining momentum, producing award-winning wines, that can be paired with produce direct from paddock to plate. Kingaroy is the hub of the South Burnett and has an airport, bus services to Brisbane, a shopping centre, education, health, various Government agencies and many facilities generally expected in much larger centres.

All townships within the region support a vigorous sporting and social lifestyle with facilities such as museums, art galleries, shopping centres, indoor/outdoor sporting facilities, parks and green spaces, local theatre groups, annual festivals and music venues. The timber-town of Blackbutt is home to Australia's only annual avocado festival. Historical Nanango is considered Queensland's fourth oldest town and has a number of heritage-listed sites including Ringsfield House, the Nanango Court House and the Butter Factory. Further to the north, 12km from Murgon, is the spectacular Bjelke-Petersen Dam.

Another dam in the region popular for fishing is Boondooma Dam. Rock wallabies can be seen on local cliffs, particularly around twilight hours. The Garnet gem fields are located just west of Proston.

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2.2 The Statistics

- Our population 34,290 (2023), expecting growth to 37,107 by 2041.
- Population density 4.02 persons per square kilometre.
- Land area 8,397 square kilometres.
- There are 13,528 local jobs and 13,202 employed people.
- Gross Regional Product – $2.11 billion.
- Largest industry by employment is health care and social assistance.
- The region consists of a diverse economy largely based on the sustainable utilisation of natural resources, including farming, mining, non-renewable and renewable power generation, timber harvesting, cropping and ecotourism.
- The South Burnett Regional Council area is predominantly rural, with the existing centre of Kingaroy and smaller townships at Murgon, Nanango and Wondai, and villages at Benarkin, Blackbutt, Durong, Hivesville, Kumbia, Maidenwell, Memerambi, Proston, Tingoora, and Wooroolin. Rural land is used largely for agriculture, particularly cattle grazing, and crop and cereal growing (including peanuts, navy beans, wheat, grain and sorghum). Timber production, viticulture, coal mining and electricity generation are also important industries.
- There are 3,345 registered businesses in the region. The Agriculture, Forestry and Fishing industry had the largest number of total registered businesses in South Burnett Region, comprising 43.5% of all total registered businesses, compared to 8.4% in Queensland.
- In 2020/21, the total value of agricultural output in South Burnett Regional Council was $169m. The largest commodity produced was Livestock processing, which accounted for 67.4% of South Burnett Region's total agricultural output in value terms.

Sourced From: Informed Decisions (2023a, 2023b).

2.3 Council's Corporate Plan and Responsibilities

SBRC has a range of existing plans and policies in place that describe its approach to delivering sustainable outcomes, including its Corporate Plan 2021-2026. The theme of this plan is "The South Burnett … unique communities working together in a strong and vibrant region".

There are five key pillars to the Corporate Plan:

1) Enhancing liveability and lifestyle.
2) Providing key infrastructure for our towns and villages
3) Growing our region's economy and prosperity.
4) Safeguarding our environment, and
5) Organisational excellence.

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While Council's ability to prepare for and manage a changing climate is relevant to all five pillars, pillar four holds the most significance. The highlighted outcomes below relate directly to this Action Plan:

EN1 Investigate, develop and implement a Environmental Sustainability Policy.

EN2 ***Develop and implement energy efficient initiatives to reduce Council's energy / carbon footprint.***

EN3 ***Continue to provide and investigate options to improve waste reduction, landfill management and recycling.***

EN4 Ongoing commitment to biosecurity and pest management, including declared and non-declared species.

EN5 ***Encourage responsible investment in renewable energy.***

EN6 ***Encourage investment in transport innovation, for example electric vehicles and charging stations.***

EN7 ***Support initiatives that promote and protects biodiversity, natural resource management and caring and retaining our unique landscapes.***

EN8 Develop and implement a systematic programme to identify and take action to address overgrown allotments across all regional residential areas.

EN9 Develop and implement a systematic programme to identify and take action to address stray / feral / pests and wild animals.

EN10 Community education and assistance to support food and other local businesses to meet relevant Local Laws compliance standards.

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Regarding the Environmental Sustainability Policy adopted in June 2023, Council has committed to focusing on:

Priority Area / Goal	Corporate Plan 2021-2026 Pillar Reference
Renewable energy production and purchasing.	4. Safeguarding our environment
Establishing a social licence for action.	
Developing an understanding of Council's current greenhouse gas emissions as a baseline for future action.	4. Safeguarding our environment
The continue adoption of hybrid vehicles into the Council fleet.	4. Safeguarding our environment 5. Organisational excellence.
The consideration of battery-operated small plant as a replacement for petrol operated equipment.	4. Safeguarding our environment 5. Organisational excellence.
The utilisation of the procurement framework to drive local reuse and recycling.	3. Growing our region's economy and prosperity 4. Safeguarding our environment 5. Organisational excellence
The expansion of wastewater reuse.	4. Safeguarding our environment 5. Organisational excellence
The ongoing focus on the reduction of waste to landfill.	1. Enhancing liveability and lifestyle 4. Safeguarding our environment 5. Organisational excellence
Repurposing and reusing infrastructure.	1. Enhancing liveability and lifestyle 2. Providing key infrastructure for our towns and villages 3. Growing our region's economy and prosperity 4. Safeguarding our environment
The treatment of invasive species.	4. Safeguarding our environment
Increasing tree canopy cover on public land.	1. Enhancing liveability and lifestyle 2. Providing key infrastructure for our towns and villages 4. Safeguarding our environment

South Burnett Region Climate Change Adaption Strategy

Priority Area / Goal	Corporate Plan 2021-2026 Pillar Reference
Protecting and enhancing waterways and natural areas.	1. Enhancing liveability and lifestyle 2. Providing key infrastructure for our towns and villages 4. Safeguarding our environment
The improvement of ecological value of the urban forest by utilising species endemic to the South Burnett region.	4. Safeguarding our environment
Making its best endeavours to achieving State and Commonwealth environmental targets.	4. Safeguarding our environment 5. Organisational excellence.

Much of the above is directly impacted by our changing climate – hence the policy's relevance to this Action Plan.

2.4 Building on Strong Foundations

In addition to the creation of the Environmental and Sustainability Policy, much work has already been completed by SBRC that will help the region best prepare for a constantly changing climate. The table below provides a summary of some of the projects / actions already delivered, as well as a work in progress list of current activities.

Department	Action
Works	• Works installed a water bore in the Kingaroy depot to support our road works water use, because of limited access to natural streams during drought.
ICT	• ICT dispose of EOL ICT e-waste through ACT logistics who are accredited with the below. https://actlogistics.com.au/accreditations/
Fleet	• **Vehicles:** • All passenger vehicles (Sedans, Hatch, Wagons) purchased are Hybrid (fuel/electric) models. Currently have one hybrid in the vehicle pool fleet with more to come when replacements are due and appropriate for operational needs. • Currently for utilities the hybrid market is only at beginning stages and these vehicles are not available as yet, when the market expands these utilities may be considered. • Trucks sold in Australia currently meet Euro 5/6 Emission standards and require emission devices and systems to be fitted such as EGR (Exhaust Gas Recirculation), Ad-

Department	Action
	blue (Additive injected into exhaust system to counteract emissions) and DPF (Diesel Particulate Filter which traps particles that are burnt off during set driving conditions) • Engines in Yellow plant and mobile machinery meet Tier standards for emissions. Currently in Australia a Tier 3 engine (Very limited emission controls) can still be purchased, however due to meet regulations overseas most machines are now supplied with a Tier 4/Tier 4 final engine (can include EGR, Ad-blue & DPF devices and systems). Council currently have numerous machines with Tier 4 /Tier 4 final engines. • Fuel usage is calculated into whole of life costs evaluations for replacement vehicles.
Waste	• Waste fluids such as oils and coolants are captured and collected for recycling. • Old batteries are collected for recycling. • Certain filters are collected for recycling. • Old Cutting edges removed from Graders, loader Etc. are used for wear plates on other items such as sacrificial skid wear plates on slashers instead of scrapping.
Built	• Solar Panels on Council buildings. • Solar Air Conditioning. • Solar Hot Water systems. • Solar Heat blankets on pools. • Blankets on all outdoor swimming pools. • Smart energy efficiency building design in new building projects i.e. Nanango Administration Building, Murgon Swimming Pool Kiosk and Change Room. • LED light upgrades in offices, depots, libraries, art galleries, VIC's etc. • Air ventilation system – upgrades at the Nanango Pool. • Air Conditioning – controlled levels in air conditioning units in Council offices between 22 to 28 degrees.

Department	Action
Parks	• Recycled plastic products used in bollard upgrades and fencing materials, board walks. • Solar lighting in park shelters. • Solar lighting along park footpaths and rail trails. • Increased tree planting to improve the tree canopy in urban streets and reduce temperatures. • Increased tree planting in parks to improve tree canopy and reduce temperatures in parks. • Use of recycled water within Community sporting and recreation facilities i.e., Golf courses, football fields, cricket fields, showgrounds.
Future Projects	• Solar panels on Council owned buildings where this is a business case for their installation • Batteries for storing solar energy and using the energy in peak times. • Review plant energy efficiencies within swimming pools, Council offices and depots. • Review white good energy efficiencies across Council buildings and depots. • Increase tree plantings in urban areas, streets and parks to reduce ambient street level and urban temperatures. • Encourage all new buildings to have energy efficiency build targets. • New equipment in parks – recycled plastic options. • Solar lighting for streets/park footpath v's electricity street and park lighting. • Food waste recycling in Council offices. • Recycled bottle collection in Council facilities. • Irrigation for parks and gardens. • Recycled water in KTP, Memorial Park.

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2.5 Action Plan Context

This Action Plan has been informed and guided by applicable international, federal, state and regional frameworks, legislation, strategies and plans, as well as the SBRC Corporate Plan, including:

- 2016 Paris Climate Change Agreement – Australian Ratification - International Climate Change Agreement
- Sendai Framework for Disaster Risk Reduction 2015-2030
- World Health Organisation Sustainable Development Goal
- National Climate Resilience and Adaptation Strategy
- Queensland Climate Adaptation Strategy (Q-CAS)
- Queensland Strategy for Disaster Resilience
- Queensland State Planning Policy (SPP)
- Queensland Planning Act 2016
- The Burnett Regional Resilience Strategy
- Queensland Disaster Management Act 2003
- Queensland Prevention, Preparedness, Response and Recovery Disaster Management Guideline
- Queensland and Emergency Risk Management Framework (QERMF) Risk Assessment Process Handbook
- SBRC Corporate Plan 2021-2026
- SBRC Environment and Sustainability Policy 2023
- SBRC Local Disaster Management Plan (LDMP)
- SBRC Waste Strategy 2023-2029

2.6 Use of this Action Plan

- Council will progressively implement this plan over the next 10 years with regular review.
- Council will use this Plan to guide internal decision making about operational priorities, investment, budgets, and resource allocations.
- The Council actions listed in this Plan are specific, timebound and require committed resources, as required.
- They ensure that Council is maximising its sphere of influence, delivering results on the ground locally, advocating for strong action at a state and federal level, and supporting the community to do their part.
- We will also use the plan to monitor and report on progress towards our shared goals.

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3 Our Changing Climate – South Burnett

3.1 Climate Change Defined

As noted earlier in this document, whether the concept of human induced climate change is embraced or not, the region is facing a changing climate and continued major weather events.

Climate change is defined by the Intergovernmental Panel on Climate Changes (IPCC, 2018) as "a change of climate which is attributed directly or indirectly to human activity that alters the composition of the global atmosphere".

3.2 Impacts of a Changing Climate

The impacts of climate change are being experienced across the community now and are forecast to increase. Climate change related extreme weather events, have widespread impacts such as:

- Increased damage to buildings and infrastructure, leading to higher maintenance costs.
- Increased pressure and demands on emergency services.
- Reduced access to water.
- More heat-related deaths, particularly among the elderly and vulnerable.
- Damage to local vegetation and waterways.
- Negative impact to industries such as agriculture and tourism through increased intensity of drought and damaging rainfall events
- Interruptions to supply chains and food production.

3.3 A Shared Responsibility

Council recognises that stewardship of our environment is a shared responsibility. Council's role is to work collaboratively with all stakeholders such as traditional custodians, government agencies, education and research organisations, industry and business sectors, residents, and landholders to share knowledge, ideas and opportunities to seek to influence change through advocacy and partnerships, to ensure sustainable actions for the future benefit of our communities.

Global, National and State Context Responding to climate change is a global responsibility. As noted, in 2015, Parties to the United Nations Framework Convention on Climate Change (UNFCCC) came together to accelerate climate action, formalised in what we know as the Paris Agreement (United Nations, 2015). The central aim of the Paris Agreement is to strengthen the global response to the threat of climate change by keeping global temperature rise this century well below 2 degrees Celsius above pre-industrial levels and to pursue efforts to limit temperature increase even further to 1.5 degrees Celsius.

The Queensland Government has committed to lifting Queensland's ambition on climate action by setting an emissions reduction target of 75% by 2035 (Queensland Department of Energy and Climate, 2024). The government is set to introduce legislation to lock in its emissions reduction targets, including the

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existing targets of 30% reduction below 2005 levels by 2030, and zero net emissions by 2050.

The responsibility of delivering immediate climate action is often assumed by local governments, who can localise their community's ambitions for transformational change.

Council adopts several roles to achieve this strategy's outcomes and priorities.

Council will provide leadership to deliver services and programs, as well as regulate, advocate, educate, facilitate, or partner with our communities and other stakeholders, together all these roles play a part in protecting the environment and promoting sustainability.

Council will undertake each of these roles, to varying degrees, as part of its ongoing journey to create and maintain healthy and natural built environments.

Our community places high value on the diverse habitats and our region's natural beauty and unique lifestyle. Council also plays an important role as a leader in planning for its future growth and as a steward of our region's environment by actively working to raise awareness and build greater community understanding and participation in preserving and enhancing our biodiversity and natural spaces.

Where Council does not have a direct role, it may advocate to other levels of government for improved outcomes. It is important to recognise that Council is not solely responsible for funding, achieving outcomes or policy change for many matters, with some issues the responsibility of state and federal governments, and the private sector.

This Climate Change Adaptation Strategy aims to deliver tangible actions to mitigate and adapt to the challenges faced by climate change.

3.4 Our Region's Weather

The Regional Action Climate Roadmap state in their Creating Our Climate Ready Future report:

"Our changing climate means more frequent and extreme climate hazards are impacting our region - rain, storms, flooding, droughts, heatwaves and bushfires. Some of these happen fast, while others unfold slowly. While our community has experienced many of these hazards before, it is the increasing severity and frequency of these hazards, in close succession, that will result in rising impacts on our region.

The places we live, work and play were not planned with this severity or frequency of climate hazards in mind. Our region also attracts many new residents each year, who are not familiar with local climatic hazards, especially water security and drought, as the region has experienced an abundance of rain in recent times. Now is the time to assess what assets, activities and people will be exposed to these hazards, and to consider whether there are changes we can make to our residences, workplaces, recreation areas and community spaces, and the way we run our activities, organisations, and businesses, to prevent or at least minimise the impacts.

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Many of the changes we need to make to prepare for climate change impacts can bring other benefits too. They can bring opportunities to build the economic vibrancy of our region, strengthen our community capital, and support healthy environments and landscapes.

These changes can also lead to improved human health and wellbeing, making our places more liveable, attractive and valuable. New business and employment opportunities can arise from developing innovative solutions to climate challenges, emissions reductions initiatives and resource efficiencies."

Our region has experienced considerable change over the past few years. An increasing number of "tree changers" have moved to the area to purchase lifestyle properties and hobby farms etc. This trend became apparent during Covid, as people escaped more highly populated towns with the goal of enjoying a more laidback, "green" existence, away from the hustle and bustle of city life.

Unfortunately, most of these people moved to the region in greener times. While the South Burnett has experienced a considerable amount of rain over the past few years, these "green times" will not continue – dry weather, and drought, is a certainty at some stage in the future.

These "new locals" have not yet experienced the region in dry times, and all it brings with it, from extreme heat to threatened water security, the strain on our local power supplies, and its impact on local industry and business, especially agriculture.

Education and resilience are key, when it comes to preparing our new locals for dryer, more challenging times.

3.5 Recent Events

The Queensland Reconstruction Authority (2022) detail the following events:

"Between 2010 and 2022, the Burnett region endured 17 significant disaster events including flooding, severe weather and storms, cyclones, and bushfires. The region experienced four significant disaster events in the 2021-2022 disaster season including the Southern Queensland Flooding, Southeast Queensland Rainfall and Flooding, Ex-Tropical Cyclone Seth, and the Central, Southern and Western Rainfall and Flooding events.

These disaster events have caused significant damage to property, infrastructure, businesses and homes, compounding localised stresses in the region. From these lived experiences our community has an appreciation of the factors that can enhance resilience and strengthen our region our local networks, sense of community, connection to the landscape, and a desire for a happy and healthy lifestyle.

The Burnett Regional Resilience Strategy provides the blueprint for a more resilient future where the community works together to create shared solutions to common problems.

Developing this strategy provided an opportunity to work collaboratively across local governments and in partnership with the Queensland Government and other local stakeholders with an approach that is locally led, regionally coordinated and

state supported. This Strategy was developed in partnership with the Bundaberg Regional Council, Cherbourg Aboriginal Shire Council, North Burnett Regional Council, South Burnett Regional Council and the Queensland Government via the Queensland Reconstruction Authority.

The Strategy builds upon the Burnett Catchment Flood Resilience Strategy released in 2018, by taking an all-hazards approach to the challenges of bushfire, earthquake, drought and heatwave. By strengthening disaster resilience our communities are better equipped to deal with the increasing prevalence of disasters. It was a useful tool when creating this plan."

3.6 Our Weather Changes

The State of the Climate Report 2022, released by the CSIRO (2022a) and the Bureau of Meteorology, says changes to weather and climate extremes are happening at an increased pace across Australia. The report, released every two years, shows an increase in extreme heat events, intense heavy rainfall, longer fire seasons and a rise in sea levels (CSIRO, 2022b).

Weather events will continue to impact our region in several ways. The Climate Change in the South East Queensland Region report, published by the Queensland Government (2019b) outlined the following projections:

Higher Temperatures

Maximum, minimum and average temperatures are projected to continue to rise. For the near future (2030), the annually averaged warming is projected to be between 0.6 and 1.3°C above the climate of 1986–2005. By 2070, the projected range of warming is 1.1 to 3.3°C, depending on future emissions. The region's summer average temperature is 24°C. This could rise to over 25°C by 2030 and to over 27°C by 2070.

Hotter and More Frequent Hot Days

There is likely to be a substantial increase in the temperature reached on the hottest days, and an increase in the frequency of hot days and the duration of warm spells.

Harsher Fire Weather

Fire weather is a measure of fuel dryness and hot, dry, windy conditions. Climate change is likely to result in harsher fire-weather in the future.

Fewer Frosts

A substantial decrease in the frequency of frost risk days is projected by the end of the century.

Reduced Rainfall and More Intense Downpours

High climate variability is likely to remain the major factor influencing rainfall changes in the next few decades. Rainfall projections for 2070 show little change or a decrease, particularly in winter and spring; however, the projections show high variability. The intensity of heavy rainfall events is expected to increase.

The Climate Change in Queensland report, published by the Queensland Government (2019b) outlined:

Increase in Drought

Projecting changes in the frequency and duration of drought is difficult. However, by late this century, under a high emissions scenario, it is likely that the region will experience more time in drought.

The climate is changing across Queensland. Average temperatures across the state are currently 1°C higher than they were 100 years ago. Recent decades have shown a clear warming trend. Our climate is already highly variable, but climate change is leading to shifts beyond this natural variability."

3.7 Climate Change and Disaster Management

Weather events and disaster management go hand in hand. Through the creation of our Disaster Management Plan, South Burnett Regional Council is prepared to face major disasters. Unfortunately, drought is not acknowledged as a disaster in the Queensland State Disaster Management Plan (Queensland Disaster Management Committee, 2023), and most funding and support packages do not kick in until a drought is formally declared, and when they do, they are generally focused on the support of the family unit, rather than helping to feed, water and save cattle or crops.

Disaster management planning is generally focused on response, recovery, and resilience, rather than pre-planning and preparedness. Drought isn't an overnight disaster – it can take months of dry weather before a drought is declared, and planning for it is crucial.

Council has identified "drought preparedness" as a gap in the disaster management planning process. An important part of this process for the South Burnett region is knowledge sharing between long-term landowners and Traditional Owners, and newcomers to the area.

These multi-generational agriculturists and Traditional Owners understand how to prepare for, mitigate against and manage their way through a drought. These long-term locals know the land and how to best navigate a dry spell as a drought approaches. They have learned experiences and insights that could and should be shared that will assist lifestyle farm and hobby farm owners long before the assistance packages kick in.

Several priority actions pertaining to drought preparedness and disaster management have been identified in this Action Plan, including:

1) Create a Drought Preparedness Plan, to be delivered in coordination with the Disaster Management Plan.
2) Support First Nations people / Traditional Owners (and multi-generational rural landholders) to share stories, knowledge and practices in sustainable land management activities relevant to the changing climate, through events, resources, and online platforms.

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4 It's Time for Action

4.1 Mitigation, Adaptation, Resilience

Our focus moving forward will be to address three key elements of resilience, in regard to preparing for a changing climate:

1) **Mitigation:** reducing and avoiding emissions, and to increase use of renewables.

Mitigation is addressing the root cause of the problem rather than dealing with its impacts. The IPCC describes mitigation as "human intervention to reduce the sources or enhance the sinks of greenhouse gases". In this Plan we use the term "emission reduction" when referring to actions that will help to mitigate climate change. Emissions reduction occurs locally too but is a contribution to a global effort that requires others to act too. A dual pathway is needed.

2) **Adaptation:** responding to the impacts of a changing climate. Identifying transition and physical risks and plan to respond to these risks and predicted impacts.

The IPCC (2018) defines adaptation as "the process of adjustment to actual or expected climate and its effects." It is doing what we can to live with and minimise the destruction and suffering caused by climate change. Adaptation occurs locally as a response to local impacts.

3) **Resilience Building:** to have an increased level of adaptive capacity across the organisation, and the community. This will enable us to consider embedding climate change resilience into all corporate governance.

Our vision will see a resilient region that will be adaptable and diverse. Our ability to bounce back after change or difficulty and undertaking proactive actions in a changing climate will result in improved outcomes for the South Burnett region and its residents and industry.

We have begun the journey to improve climate change resilience management in a strategic and considered approach. We will be responsive and resilient to climate change risks. We are supportive of innovative and sustainable solutions. We will continue to develop plans and implement adaptation actions to reduce and mitigate impacts to the organisation, our community, natural environment, and economy.

As the IPCC (2010) stated: "Many adaptation and mitigation options can help address climate change, but no single option is sufficient by itself. Effective implementation depends on policies and cooperation at all scales and can be enhanced through integrated responses that link mitigation and adaptation."

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Environment	Governance
Built environment. Water management. Natural environment. Sustainable transport. Waste & recycling management. Emission reduction & energy efficiency.	Financial management. Council culture & education. Engagement & partnerships. Risk & disaster management. Council policies, procedures & plans.
Community	**Commerce and Industry**
First Nations / Traditional Owners engagement & knowledge sharing. Community resilience, education & support.	Knowledge sharing. Commerce & industry resilience, education & support.

Under these four pillars, nine high level goals have been identified:

5. Environmental Action

b. To develop an understanding of Council's current greenhouse gas emissions as a baseline for future action.
c. To ensure a climate responsive built environment.
d. To protect and enhance our natural environment.
e. To transition to a circular economy.
f. To reduce our emissions by embracing affordable, efficient, and renewable energy solutions.

6. Governance and Operations

b. Council will lead in climate change preparedness and management, with an educated, mindful, responsive culture within its own operations, and encourage other sectors in the South Burnett region to do the same.
c. To strengthen resilience as an organisation, ensuring Council is prepared, ready and adaptive to climate change related events.

7. Community Action

b. To build an educated, engaged, resilient and responsive community through conversations, workshops, and information sharing.

8. Commerce and Industry Action

b. To work proactively and collaboratively with local business, industry, and other agencies to build a more resilient and supportive business network within the region that has strong connections both within and external to the region.

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4.2 Roadmap

This Action Plan sets out our road map to building resilience of our organisation's environment, community, business and industry, and governance to a variable and changing climate to enhance our climate resilience.

This is just one component of a multi-faceted approach to mitigating, adapting to and building resilience against the effects of a changing climate. Managing a changing climate is a trans-boundary issue.

Actions (or inaction) by one stakeholder can both improve and erode the resilience of another. Economies of scale and collectively sharing knowledge can improve climate change governance. An important part of the institutional arrangements and engagement with external stakeholders is the clarification of roles and responsibilities that are associated with climate change governance.

4.3 Climate Resilience Action Plan

The actions that have been identified on the basis that they, generally, can be implemented via existing Council programs and projects. The intention is that by utilising a climate change adaptation lens over existing policies, programs and proposed projects, many of the actions can be delivered at no additional cost to Council and can be achieved through existing business resources.

The exception is the development of a drought preparedness plan which was identified as a key priority in late 2023.

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PILLAR	DELIVERY AREA	ACTION	METRICS	TIMELINE	DELIVERY
ENVIRONMENT	Built environment	Incorporate sustainable building elements into council buildings where there is a sound business case to do so, including incorporating solar panels on Council buildings and utilising batteries to store energy.	Council Procurement Policy.	As required	Internal
	Built environment	Incorporate sustainable built elements into the planning scheme	Amended Planning Scheme	3 years	Internal
	Emissions reduction & energy efficiency	Undertake an organisational wide emissions profile report to assist council in understanding Council's current greenhouse gas emissions footprint, and to provide a baseline for future action.	Council Emissions Profile	2 years	Internal
	Emissions reduction & energy efficiency	Following the delivery of an emissions profile, Council will be in the position to review and set emissions-related targets for its operations.	Council Climate Change Policy Developed	6 months	Internal
	Emissions reduction & energy efficiency	Undertake an energy efficiency review of Council assets, including depots, parks and buildings, in regard to energy use, white goods efficiency, renewable energy use etc.	Included in Asset Management Plan	18 months	Internal
	Emissions reduction & energy efficiency	Change lighting to LED or solar lighting, at all public facilities, subject to meeting lighting guidelines.	Inclusion in Asset Management Plan	Ongoing	Internal

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PILLAR	DELIVERY AREA	ACTION	METRICS	TIMELINE	DELIVERY
	Emissions reduction & energy efficiency	Review and progressively transition Council buildings off natural gas, where it is cost effective to do so.	Included in Asset Management Plan	2 years	Internal
	Emissions reduction & energy efficiency	Create a policy that clarifies Council's support of renewable energy developments and outlines its expectations of providers around increased collaboration, community engagement, and social licence.	Development of Council Climate Change Policy	18 months	External
	Sustainable transport	Accelerate the transition to low emissions options for Council's fleet where it is cost effective to do so	Amendment to Procurement Policy – Fleet	Ongoing	Internal
	Sustainable transport	Review the availability of and access to EV charging network for Council vehicles and deliver solutions to address any gaps.	Charging station review	3 years	
	Sustainable transport	Transition Council's small machines to electric powered alternatives, where operationally viable and cost effective to do so.	Procurement Policy Amended	Ongoing	Internal
	Natural environment	Deliver a strategy for preserving our natural environment that considers:	Voluntary Conservation	3 years	

PILLAR	DELIVERY AREA	ACTION	METRICS	TIMELINE	DELIVERY
		• Identification of climate change refugia for native flora and fauna, • Protection and enhancement of the ecological values of identified wildlife corridors by increasing tree canopy cover across the region, and • Supporting private land holders to protect, conserve and enhance ecologically significant areas on private property.	Agreement Program established		
	Natural environment	Create a street tree planting program to support the transition of our urban canopy to one that is resilient and future proofed and provides shade and urban cooling – replace all trees removed with street trees, review species, and focus the planting of street trees in high rental areas.	Street Tree program developed	Ongoing	
	Waste & recycling management	Continue to implement the Waste Strategy 2023-2029 to monitor and reduce waste and ensure continued focus on a circular economy. Consider: • New / increased recycling options for the local community to access • Use of recycled products in public places and spaces • Eliminating non-essential use of single-use plastic at Council-sponsored and organised events, • Food waste recycling in Council offices, and • Increased bottle collection points in all council buildings etc.	Partnering with COEX public places program	Ongoing	Internal

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PILLAR	DELIVERY AREA	ACTION	METRICS	TIMELINE	DELIVERY
	Water management	Review the management of water and provide recommendations for an integrated approach (to be included in the Drought Preparedness Plan). Consider: • Water harvesting at Council buildings, parks and sports grounds, • Reviewing irrigation systems in our parks, and • Utilising recycled water in our parks. • Water harvesting at Council buildings, parks and sports grounds – review irrigation systems in our parks and use recycled water in parks.	Asset Management Plan	18 months	Internal
GOVERNANCE	Engagement & partnerships	Utilise the Climate Risk Management Framework for Queensland Local Government framework.	Implement Climate Risk Management Framework within Council operations	Ongoing	Internal
	Engagement & partnerships	Consider the establishment of a Changing Climate Resilience Reference Group, to focus on preparedness for major climate related disasters, as well as drought (with representatives from the local community, industry, business and environmental groups).	Establishment of Reference Group	12 months	
	Risk & disaster management	Prepare a Drought Preparedness Plan, focused on a longer-term regional response and preparedness to drought (as the lead coordination agency in times of drought).	Development of Drought Preparedness Plan	2 Years	Internal

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PILLAR	DELIVERY AREA	ACTION	METRICS	TIMELINE	DELIVERY
	Risk & disaster management	Enhance our risk assessment process and explicably quantify the extent of climate change risks into our corporate risk register and risk management framework.	Updated Risk Register	18 months	Internal
	Council policies, procedures and plans	Review purchasing and procurement policies for sustainability clauses, focused on renewable energy.	Revised Procurement Policy	12 months	Internal
	Council policies, procedures and plans	Review all key policies, procedures, strategies and plans, with a changing climate lens, and update where relevant. Key Council documents may include: • Administration Waste Reduction Policy, Asset Management Policy, Community Grants Policy, Community Group Infrastructure Changes, Construction of Unmade Roads, Corporate Risk and Internal Audit Framework, Corporate Risk Management Policy, Demolition, Removal or Relocation of Buildings Policy, Disposal of Assets Policy, Environment and Sustainability Policy, Financial Sustainability Policy, Council Fact Sheets, Procurement Policy, Policy Governance Framework, Water Restrictions Policy, Trade Waste Management Policy, Risk Management Policy, Water and Waste Water Customer Service Standards, Planning Scheme, Local Laws, Disaster Dashboard, Emergency Kit, Advocacy Action Plan, Asset Management Plans, Business Continuity and Recovery Plan, Operational Plan, Corporate Plan,	Revised Policies	18 months	Internal

PILLAR	DELIVERY AREA	ACTION	METRICS	TIMELINE	DELIVERY
		Regional Development Strategy, and Agriculture Strategy. Note: Internal consultation will be required to complete this list.			
	Council policies, procedures and plans	Report annually on Council's Climate Change Adaptation Strategy performance and deliverables.	Annual Climate Change Adaptation report prepared	Annual reporting	Internal
	Council policies, procedures and plans	Explore the opportunity to introduce funding for a small business climate adaptation grants program, as part of Council's grants framework that seeks to support improved business practices and operations (eg improved lighting, energy efficiency, solar and energy storage, mechanical ventilation options, improved building design, shade tree plantings)	Funding explored and considered by Council	2 Years	Internal
	Council culture & education	Create a changing climate aware culture at SBRC, and to continue to build climate change capabilities and strengthen accountability, with consideration given to: • Ongoing training for elected representatives and staff around climate change and other relevant sustainability issues, • Explore the development of a Volunteering Policy, to support staff volunteering opportunities to actively respond to weather events,	Change Management Plan developed	12 months	Internal

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PILLAR	DELIVERY AREA	ACTION	METRICS	TIMELINE	DELIVERY
		• Include climate action education as part of staff induction, and Embed climate action into staff roles and responsibilities and performance management,			
	Financial management	Identify and monitor infrastructure assets at risk due to climate change and prioritise actions (assessing financial implications etc).	Asset Management Plan	18 months	Internal
		As part of this process, identify funding and grant opportunities to fund these initiatives over the next 10 years.	Funding opportunities identified	10 years	Internal
COMMUNITY	Community resilience, education & support	Ongoing focus on the beautification of Council owned gardens and parks including increased shade options (both natural (eg shade trees) and built form structures for all users).	Annual Capital program	Ongoing	

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Bibliography

Commonwealth Scientific and Industrial Research Organisation. (2022a). *State of the Climate*. CSIRO. https://www.csiro.au/en/research/environmental-impacts/climate-change/state-of-the-climate

Commonwealth Scientific and Industrial Research Organisation. (2022b, November 23). State of the Climate 2022 – Australia continues to warm; heavy rainfall becomes more intense. *CSIRO*. https://www.csiro.au/en/news/all/news/2022/november/state-of-the-climate-report-2022

Department of Climate Change, Energy, the Environment and Water. (2022). *National Climate Resilience and Adaptation Strategy*. DCCEEW. https://www.dcceew.gov.au/climate-change/policy/adaptation/strategy

Informed Decisions. (2023a). *About the Profile Areas | South Burnett*. Economy ID. https://profile.id.com.au/rda-wide-bay-burnett/about?WebID=150

Informed Decisions. (2023b). *Businesses by Industry | South Burnett*. Economy ID. https://economy.id.com.au/south-burnett/number-of-businesses-by-industry

Intergovernmental Panel on Climate Change. (2010). *Topic 4: Adaptation and Mitigation*. IPCC 5th Assessment Synthesis Report. https://ar5-syr.ipcc.ch/topic_adaptation.php

Intergovernmental Panel on Climate Change. (2018). Glossary — Global Warming of 1.5 °C. In *IPCC*. https://www.ipcc.ch/sr15/chapter/glossary/

Queensland Department of Energy and Climate. (2024). *Queensland's 2035 Clean Economy Pathway: 75% by 2035*. https://www.epw.qld.gov.au/__data/assets/pdf_file/0028/48493/queensland-2035-clean-economy-pathway.pdf

Queensland Department of Environment and Heritage Protection. (2017). *Queensland Climate Adaptation Strategy*. https://www.qld.gov.au/__data/assets/pdf_file/0017/67301/qld-climate-adaptation-strategy.pdf

Queensland Department of Housing, Local Government, Planning and Public Works. (2017). *State Planning Policy*. https://planning.statedevelopment.qld.gov.au/planning-framework/plan-making/state-planning/state-planning-policy

Queensland Disaster Management Committee. (2023). *State Disaster Management Plan*.

FINAL DRAFT

https://www.disaster.qld.gov.au/__data/assets/pdf_file/0027/339336/Interim-2023-QSDMP-V1.2.pdf

Queensland Fire and Emergency Services. (2023). *Queensland Emergency Risk Management Framework Risk Assessment Process Handbook*. https://www.disaster.qld.gov.au/__data/assets/pdf_file/0021/339402/H1102-QFES-Risk-Assessment-Process-Handbook.pdf

Queensland Government. (2003). *Disaster Management Act 2003*. https://www.legislation.qld.gov.au/view/pdf/2024-02-01/act-2003-091

Queensland Government. (2019a). *Climate Change in Queensland*. https://www.qld.gov.au/__data/assets/pdf_file/0023/68126/queensland-climate-change-impact-summary.pdf

Queensland Government. (2019b). *Climate Change in the South East Queensland Region*. https://www.qld.gov.au/__data/assets/pdf_file/0023/67631/seq-climate-change-impact-summary.pdf

Queensland Government. (2023). *Prevention preparedness response and recovery disaster management guideline*. https://www.disaster.qld.gov.au/disaster-management-guideline

Queensland Reconstruction Authority. (2022a). *Burnett Regional Resilience Strategy*. https://www.qra.qld.gov.au/sites/default/files/2022-09/burnett_regional_resilience_strategy_low_res_web_l-r.pdf

Queensland Reconstruction Authority. (2022b). *Queensland Strategy for Disaster Resilience*. https://www.qra.qld.gov.au/sites/default/files/2022-09/queensland_strategy_for_disaster_resilience_high_res.pdf

Regional Action Climate Roadmap. (2022). *Creating Our Climate Ready Future*. https://regionalclimateroadmap.com.au/downloads/RCAR_Sunshine%20Coast_Noosa_FINAL%20Roadmap_05%20Jan%202023.pdf

South Burnett Regional Council. (2021a). *Corporate Plan 2021 - 2026*. https://www.southburnett.qld.gov.au/downloads/file/4863/draft-corporate-plan-2021-2026

South Burnett Regional Council. (2021b). *Environmental Sustainability Strategy*. https://www.sdrc.qld.gov.au/living-here/sustainability/environmental-sustainability-strategy

South Burnett Regional Council. (2023). *Waste Strategy 2023 - 2029*. https://www.southburnett.qld.gov.au/downloads/file/6541/waste-management-strategy-2023-2029

FINAL DRAFT

United Nations. (2015). *The Paris Agreement*. United Nations Climate Change; United Nations. https://unfccc.int/process-and-meetings/the-paris-agreement

United Nations Office for Disaster Risk Reduction. (2015). *Sendai Framework for Disaster Risk Reduction 2015-2030*. UNDRR. https://www.undrr.org/publication/sendai-framework-disaster-risk-reduction-2015-2030

World Health Organization. (2022). *Sustainable Development Goals*. WHO. https://www.who.int/europe/about-us/our-work/sustainable-development-goals

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14.13 MATERIAL CHANGE OF USE - INTENSIVE ANIMAL INDUSTRY (EXPANSION OF EXISTING FEEDLOT TO 6,425 SCU AND ASSOCIATED INFRASTRUCTURE) AT 1270 AND 1344 MEMERAMBI BARKERS CREEK ROAD WATTLE CAMP (AND DESCRIBED AS LOTS 1, 2, 6 & 7 RP157322, LOTS 3, 4, 5 & 8 ON RP157323 AND LOTS 9, 10 & 11 ON RP157327). APPLICANT: PAKADERINGA FEEDLOT Q PTY LTD C/- AGDSA

File Number: **MCU23/0031**

Author: **Acting Manager Environment & Planning**

Authoriser: **Chief Executive Officer**

PRECIS

Material Change of Use – Intensive Animal Industry (Expansion of Existing Feedlot to 6,425 standard cattle units (SCU) and Associated Infrastructure) at 1270 & 1344 Memerambi Barkers Creek Road WATTLE CAMP (and described as Lots 1, 2, 6 & 7 on RP157322, Lots 3, 4, 5 & 8 on RP157323 and Lots 9, 10 & 11 on RP157327).

SUMMARY

- The application is a Development Permit for a Material Change of Use for an Intensive Animal Industry (Expansion of Existing Feedlot from 3,125 SCU to a total of 6,425 SCU and Associated Infrastructure).
- The proposed development will be staged as follows:
  - Stage 1 consisting of an additional 1,500 SCU in conventional pens;
  - Stage 2 consisting of an additional 1,800 SCU in fully covered pens; and
  - Additional manure storage area and cattle handling yards are also proposed as part of the expansion.
- The subject site is located in the Rural zone under the South Burnett Regional Council Planning Scheme 2017 and Impact Assessment was triggered as per Table 5.5.13.
- The subject sites have a combined site area of 674.6 hectares.
- The development application is assessed against the entirety of the Planning Scheme, including:
  - Strategic Framework;
  - Rural zone code; and
  - Services and works code.
- The development application required referral to the State Assessment and Referral Agency (SARA) for non-devolved Environmentally Relevant Activities (Schedule 10, Part 5, Division 4, Table 2) and development impacting on State Transport Infrastructure and Thresholds (Schedule 10, Part 9, Division 4, Subdivision 1, Table 1).
- Council issued an Information Request on 21 December 2023, and the applicant provided an Information Request Response on 15 April 2024.
- SARA issued an Information Request on 26 February 2024, and the applicant provided an Information Request Response on 15 April 2024.
- SARA provided a Referral Agency Response on 24 May 2024, including Referral Agency conditions. Included in this correspondence was a Decision Notice and Environmental Authority.
- The development application was publicly notified in accordance with Part 4 of the Development Assessment Rules, from 9 May 2024 to 30 May 2024. During this period, one (1) properly made submission to the proposal was received. An applicant response to the submission was received by Council on 6 June 2024.
- The application has been assessed and the proposal generally meets the requirements of the Planning Scheme and relevant codes or has been conditioned to comply.
- Refer to Attachment A – Statement Reasons.
- Refer to Attachment B – Infrastructure Charges Notice.

- Refer to Attachment C – Approved Plans.
- Refer to Attachment D – Traffic Impact Assessment.
- Refer to Attachment E – Bushfire Hazard Advice.
- Refer to Attachment F – Referral Agency Response.
- The application is recommended for approval, subject to reasonable and relevant conditions.

OFFICER'S RECOMMENDATION

That Council approve the Development Permit for a Material Change of Use for Intensive Animal Industry (Expansion of Existing Feedlot to 6,425 SCU and Associated Infrastructure) at 1270 & 1344 Memerambi Barkers Creek Road, WATTLE CAMP (and described as Lots 1, 2, 6 & 7 on RP157322, Lots 3, 4, 5 & 8 on RP157323 and Lots 9, 10 & 11 on RP157327) subject to the following conditions.

GENERAL

GEN1. The approved development must be maintained generally in accordance with the approved plans and documents, except where amended by the conditions of this permit:

Drawing/ Document Title	Prepared By	Plan No.	Rev.	Date
Property Plan (Aerial Imagery)	AgDSA	A001	B	11/04/2024
Property Plan	AgDSA	A002	B	11/04/2024
Concept Plan	AgDSA	A003	B	11/04/2024
Design Plan	AgDSA	A004	C	11/04/2024
Controlled Drainage Area	AgDSA	A005	B	11/04/2024
Traffic Impact Assessment	RMA Engineers	-	1	25/10/2023
Bushfire Hazard Advice	Range Environmental Consultants	J001523		03/10/2023

Timing: At all times.

GEN2. The development herein approved may not start until the following development permits have been issued and complied with as required:
- Development Permit for Building Works;
- Permit for Plumbing and Drainage Work; and
- Development Permit for Operational Works.

APPROVED USE

GEN3. The approved development is a Material Change of Use for Intensive Animal Industry as shown on the approved plans and does not imply approval for other similar uses. The number of cattle in the feedlot must not exceed 6,425 standard cattle units.

GEN4. The development is to occur sequentially in the following Stages and as detailed in the approved plans and documents:
- Stage 1: Additional 1,500 SCU; and
- Stage 2: Additional 1,800 SCU.

GEN5. Conditions within this approval are applicable to each Stage of the development, unless otherwise specified.

COMPLIANCE, TIMING, AND COSTS

GEN6. All conditions of the approval shall be complied with before the change occurs (prior to the commencement of the use of each Stage) and while the use continues, unless otherwise noted within these conditions.

GEN7. The development (including landscaping, parking, driveway and other external spaces) shall be maintained in accordance with the Approved Plans, subject to and modified conditions of this approval.

GEN8. Maintain the site in a clean and orderly state at all times.

GEN9. All works, including the repair or relocation of services is to be completed at no cost to Council.

HOURS OF OPERATION

GEN10. The approved hours of operation for staff and general operations are 24 hours a day, seven days a week.

GEN11. Heavy vehicle movements are restricted to 6:00am to 6:00pm daily.

LANDSCAPING

GEN12. Existing landscaping is to be maintained along the property boundary at the westernmost end of Memerambi-Barkers Creek Road for the extent of the feedlot pens.

ENVIRONMENTAL HEALTH

GEN13. Odours or airborne contaminants must be appropriately managed so as to not cause environmental nuisance to any sensitive receivers.

GEN14. Dust prevention measures must be undertaken to ensure that dust does not cause a nuisance to occupiers of adjacent properties.

GEN15. Where outdoor lighting is required, the applicant must locate, design and install lighting which minimise the potential for light spillage to cause nuisance to neighbours.

ENGINEERING WORKS

ENG1. Complete all works approved and works required by conditions of this development approval and/or any related approvals at no cost to Council, prior to commencement of the use unless stated otherwise.

ENG2. Undertake Engineering designs and construction in accordance with the Planning Scheme, Council's standards, relevant design guides, and Australian Standards.

ENG3. Be responsible for the full cost of any alterations necessary to electricity, telephone, water mains, sewer mains, stormwater drainage systems or easements and/or other public utility installations resulting from the development or from road and drainage works required in connection with the development.

LOCATION, PROTECTION AND REPAIR OF DAMAGE TO COUNCIL AND PUBLIC UTILITY SERVICES INFRASTRUCTURE AND ASSETS

ENG4. Be responsible for the location and protection of any Council and public utility services infrastructure and assets that may be impacted on during construction of the development.

ENG5. Repair all damages incurred to Council and public utility services infrastructure and assets, as a result of the proposed development immediately should hazards exist for public health and safety or vehicular safety. Otherwise, repair all damages immediately upon completion of works associated with the development.

STORMWATER MANAGEMENT

ENG6. Provide overland flow paths that do not adversely alter the characteristics of existing overland flows on other properties or that create an increase in flood damage on other properties.

ENG7. Ensure that adjoining properties and roadways are protected from ponding or nuisance from stormwater as a result of any site works undertaken as part of the proposed development.

ENG8. Design and construct stormwater drainage incorporating performance measures identified in 'National Beef Cattle Feedlot Environmental Code of Practice' to minimise adverse impacts on surface waters external to the feedlot area and manure and effluent utilisation areas.

WATER SUPPLY

ENG9. Provide a potable water supply for the use of staff, independent from Council's water reticulation system. Monitor water quality continuously to ensure compliance with Australian Drinking Water Guidelines - current edition 2011 and enHealth Guidance of Use of Standards for Potable Water to accommodate the requirements of staff and visitors.

ENG10. Provide water supply for the proposed Feedlot operations in accordance with the National Guidelines for Beef Cattle Feedlots in Australia.

ON-SITE WASTEWATER DISPOSAL

ENG11. Connect the development to an on-site wastewater disposal system, in accordance with the AS1547:2012 *On-site domestic wastewater management* and the Queensland Plumbing and Wastewater Code - 2019.

PARKING AND ACCESS - SERVICING

ENG12. Ensure access to car parking spaces, vehicle loading and manoeuvring areas and driveways remain unobstructed and available for their intended purpose during the hours of operation.

ENG13. Ensure loading and unloading operations are conducted wholly within the site and vehicles enter and exit the site in a forward direction.

ROAD UPGRADING

ENG14. Upgrade Corndale Road between Ch 4800-5200 to match the road standard either side, including culvert/drainage upgrades.

Comment: Council has a road design available for the upgrade of this section that can be referenced. Contact Councils Infrastructure Department for further details. Road upgrades will be subject to a further Operational Work application.

Comment: This condition is imposed pursuant to Section 145 of the *Planning Act 2016*.

TRANSPORT ROUTE

ENG15. The approved transport route is from the Bunya Highway, east to the site entrance via King Street, Corndale Road, and Memerambi-Barkers Creek Road. No heavy vehicle access is permitted to the east from the site entrance along Memerambi-Barkers Creek Road.

ENG16. The section of King Street, Corndale Road, and Memerambi-Barkers Creek Road between the Bunya Highway and the site entrance to the property is not currently an approved B-Double Route. Obtain an approval for the route to be used by multi-combination vehicles from the National Heavy Vehicle Regulator prior to allowing access to Multi-Combination vehicles via above road section. Please refer to the following link for more information: https://www.nhvr.gov.au/road-access/access-management/applications-and-forms

EROSION AND SEDIMENT CONTROL - GENERAL

ENG17. Ensure that all reasonable actions are taken to prevent sediment or sediment laden water from being transported to adjoining properties, roads and/or stormwater drainage systems.

ENG18. Remove and clean-up sediment or other pollutants in the event that sediment or other pollutants are tracked/released onto adjoining streets or stormwater systems, at no cost to Council.

STANDARD ADVICE

ADV1. Section 85(1)(b) of the *Planning Act 2016* provides that if all stages of this approval are not acted upon within a period of six (6) years the approval will lapse.

ADV2. This development approval does not authorise any activity that may harm Aboriginal Cultural Heritage. Under the Aboriginal Cultural Heritage Act 2003 you have a duty of care in relation to such heritage. Section 23(1) provides that "A person who carries out an activity must take all reasonable and practicable measures to ensure the activity does not harm Aboriginal Cultural Heritage." Council does not warrant that the approved development avoids affecting Aboriginal Cultural Heritage. It may therefore be prudent for you to carry out searches, consultation, or a Cultural Heritage assessment to ascertain the presence or otherwise of Aboriginal Cultural Heritage. The Act and the associated duty of care guidelines explain your obligations in more detail and should be consulted before proceeding. A search can be arranged by visiting https://www.datsip.qld.gov.au and filling out the Aboriginal and Torres Strait Islander Cultural Heritage Search Request Form.

ADV3. Infrastructure charges are now levied by way of an infrastructure charges notice issued pursuant to section 119 of the *Planning Act 2016*.

ADV4. Council is offering a reduction in infrastructure charges payable through the development incentive scheme which is available between 1 December 2020 and 31 December 2025. Eligible development under this scheme is required to be completed by 31 December 2025.

For further information or application form please refer to the rules and procedures available on Council's website.

ADV5. The State Assessment and Referral Agency has imposed conditions on the development permit as attached as per Attachment F.

ADV6. Attached for your information is a copy of Chapter 6 of the Planning Act 2016 as regards Appeal Rights.

FINANCIAL AND RESOURCE IMPLICATIONS

No implication can be identified.

LINK TO CORPORATE/OPERATIONAL PLAN

Growing our Region's Economy and Prosperity

- GR8 Support and advocate for appropriate growth and development with responsive planning schemes, process, customer service and other initiatives.

COMMUNICATION/CONSULTATION (INTERNAL/EXTERNAL)

Refer to CONSULTATION in this report.

LEGAL IMPLICATIONS (STATUTORY BASIS, LEGAL RISKS)

No immediate implications identified. Should the applicant wish to challenge council's decision or conditions imposed, it may seek to lodge a negotiated decision or Appeal. This may incur further costs associated with this application.

POLICY/LOCAL LAW/DELEGATION IMPLICATIONS

The application has been assessed in line with Council's adopted planning scheme.

ASSET MANAGEMENT IMPLICATIONS

No implication can be identified.

REPORT

1. APPLICATION DETAILS

Site address	1270 & 1344 Memerambi Barkers Creek Road WATTLECAMP	
Real property description	Lots 1, 2, 6 & 7 RP157322, Lots 3, 4, 5 & 8 on RP157323 and Lots 9, 10 & 11 on RP157327	
Easements or encumbrances on title	No existing easements or encumbrances identified	
Area of Site	674.6 hectares	
Current Use	The subject sites are currently used for the existing feedlot, associated grazing and backgrounding activities, and are improved by two dwellings as well as structures, infrastructure and features associated with the feedlot.	
Environmental Management Register or Contaminated Land Register	The site is not listed on the EMR or CLR.	
Applicant's name	Pakaderinga Feedlot Q Pty Ltd C/- AgDSA	
Zone	Rural	
Applicable Overlays	• Bushfire hazard overlay • Flood hazard overlay • Biodiversity areas overlay • Water catchments overlay • Agricultural overlay	
Proposed use as defined	Intensive Animal Industry (a) Premises used for– (i) the intensive production of animals or animal products, in an enclosure, that requires the food and water to be provided mechanically or by hand; or (ii) storing and packing feed and produce, if the use is ancillary to the use in subparagraph (i); but (b) Does not include the cultivation of aquatic animals.	
Details of proposal	Material Change of Use (MCU's)	
	▪ Access	Memerambi Barkers Creek Road
	▪ Feedlot capacity	6,425 SCU total. 3,300 addition SCU over the following stages: • Stage 1: 1,500 SCU • Stage 2: 1,800 SCU
	▪ Stocking density	Stage 1: 15sqm/SCU Stage 2: 9sqm/SCU
	▪ Number of car parks	10 spaces (8 staff and 2 visitor/maintenance)
	▪ Employees	20 employees
	▪ Hours of Operation	Staff and general operations – 24 hours a day, seven days a week Operations, work and heavy vehicle movements – generally 6am to 6pm
Application type	Aspects of	Type of Approval Requested

	Development	Preliminary Approval	Development Permit
	Material Change of Use (MCU)		X
	Reconfiguration of a Lot (RAL)		
	Building Work (BW)		
	Operational Work (OPW)		
Level of Assessment	Impact Assessment		
Pre-lodgement / Consultation history	No pre-lodgement meeting or written advice issued		
Key planning issues e.g. vegetation, waterway corridors, overland flow	• Strategic Framework • Staging • Odour • Traffic • Dust		
Referral agencies	Agency	Concurrence/ Advice	
	SARA	Concurrence	
Public notification	Yes – 15 business days Public Notification was carried out from 9 May 2024 to 30 May 2024 in accordance with Part 4 of the Development Assessment Rules.		

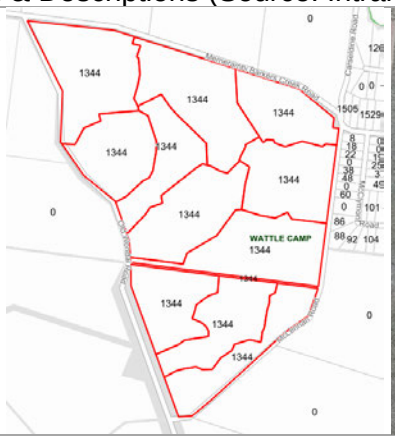
2. THE SITE

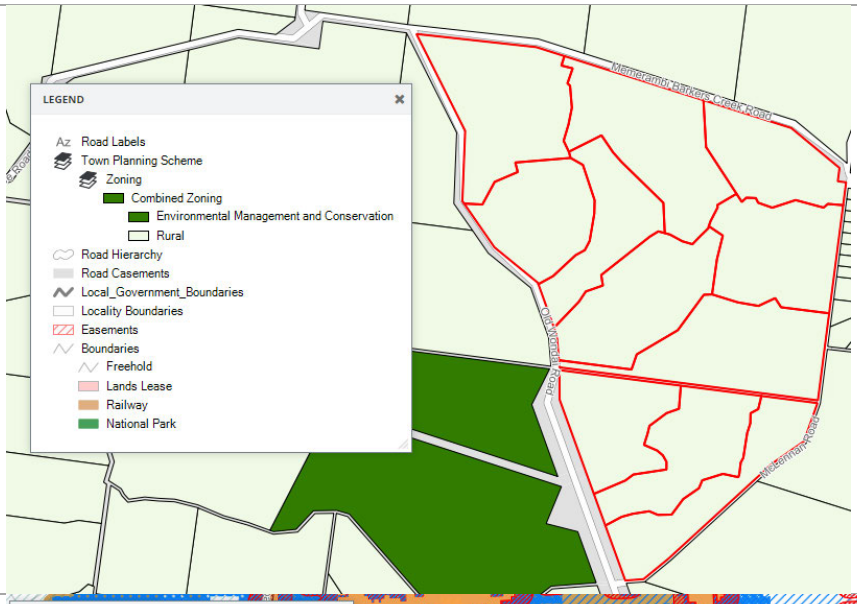
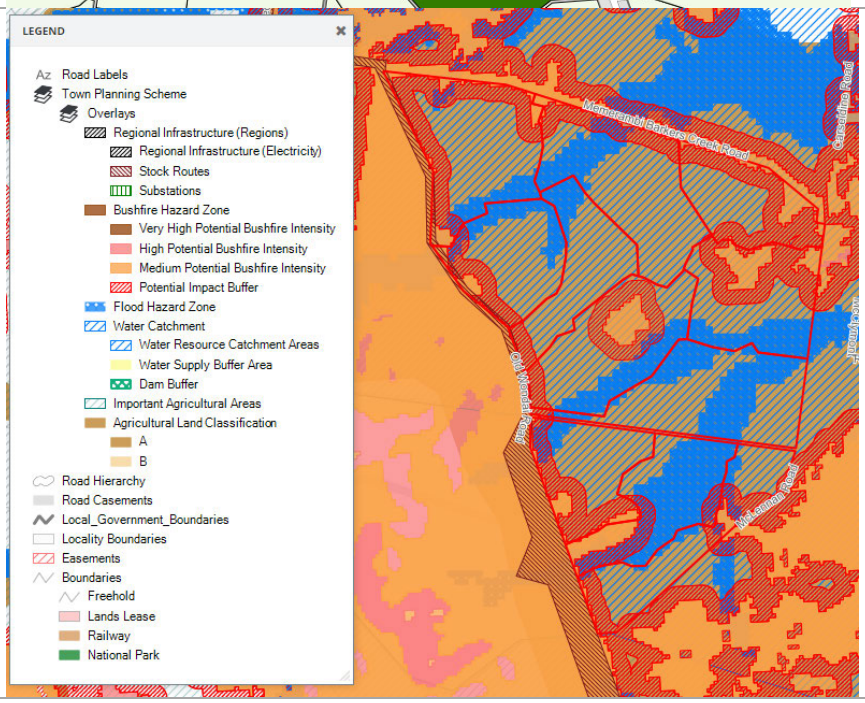
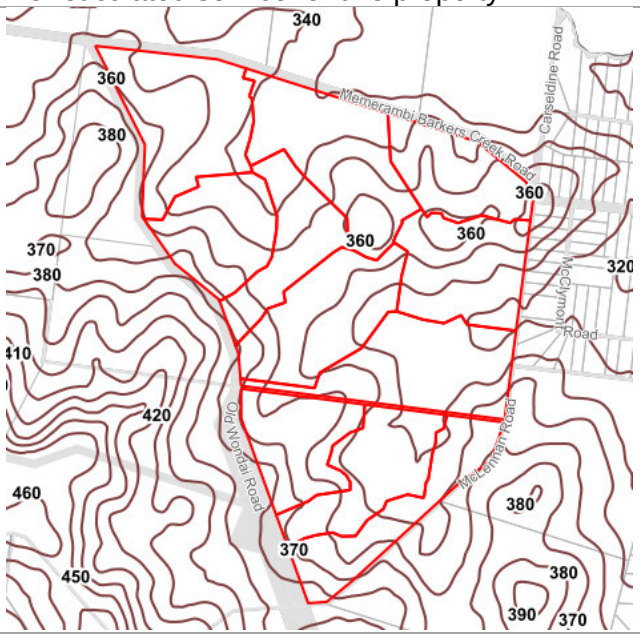
This section of the report provides a description of the site, details about the existing use and notable characteristics of the site, the standard of servicing, and the form of development in the immediately locality.

2.1. SITE DESCRIPTION & EXISTING USE

The subject site is located at 1270 & 1344 Memerambi Barkers Creek Road, Wattle Camp, and is formally described as Lot 1, 2, 6 and 7 on RP157322, Lot 3, 4, 5 and 8 on RP157323, and Lot 9, 10 and 11 on RP157327 (refer to **Table 1**). The site has an area of 674.6 hectares and is currently used for the existing feedlot, associated grazing and backgrounding activities, and are improved by two dwellings as well as structures, infrastructure and features (basins and holding ponds, for example) largely associated with the feedlot.

Table 1 – Maps & Descriptions (Source: Intramaps)

Site		

Zoning	
Overlays	
Services	No reticulated service for this property
Topography	

2.2. DEVELOPMENT HISTORY OF THE SITE

The site includes an existing approval for the feedlot, with the most recent approval being granted on 18 December 2000 by Nanango Shire Council, involving a Material Change of Use for Feedlot Extension. The approval permitted a maximum cattle capacity of 3,125 SCU and stocking density of 15m^2.

3. PROPOSAL DETAILS

The development application seeks a Development Permit - Material Change of Use for Intensive Animal Industry (Expansion of Existing Feedlot to 6,425 SCU and Associated Infrastructure).

The proposed expansion of the feedlot will result in an additional 3,300 SCU to the existing, approved feedlot capacity of 3,125 SCU, resulting in a total capacity of 6,425 SCU. The expansion is proposed in two stages, where Stage 1 includes the construction of 1,500 SCU of capacity in conventional pens. These pens will be located in a separate controlled drainage area to the north of the existing feedlot complex. Stage 1 will also include the expansion of the manure pad, additional handling yards and reconfiguration of the effluent system. Stage 2 includes an additional 1,800 SCU of capacity in fully covered pens. It is anticipated that the feedlot cover will be an open sided steel shed.

Stage 1 pens will have a stocking density of 15m^2/SCU across 16 pens, each with dimensions of 34 metres (width) by 45 metres (depth) resulting in an individual pen area of 1,500 m^2. Each pen will have a maximum capacity of 100 SCU.

While identified as a single stage, the construction of Stage 2 is to occur one row (shed) at a time. Covered pens will have a stocking density of 9m^2/SCU across 18 pens, each with dimensions of 30 metres (width) by 30 metres (depth) resulting in an individual pen area of 900m^2. Each pen will have a maximum capacity of 100 SCU.

Water

Water for the existing feedlot is sourced from the on-site dams. The Stage 2 expansion is reliant on an upgrade to the regional water supply network and will proceed once a reliable water supply can be obtained.

Stormwater

Industry-specific stormwater controls identified in the national guidelines have been incorporated into the design of Stage 1. Design considerations from the national guidelines, relevant to covered pens, have been incorporated into the design of Stage 2. Drainage within the existing feedlot ensures that clean overland flow can pass between two feedlot sections and remain separate to feedlot effluent. The configuration of the Stage 1 expansion has warranted each row to be serviced by its own catch drain controlling runoff from the pens, directing into the main drain and sedimentation basin. Stage 2 will incorporate grass swale drains due to the lower intensity of the runoff.

Effluent

With regard to effluent management, the development requires additional storage capacity of the effluent holding pond. A second effluent pond is proposed, which has been designed in accordance with national guidelines. Water contained in the effluent holding pond is to be reused for dust suppression on internal roadways or sustainably irrigated to surrounding agricultural land.

Traffic / Parking

The existing feedlot is accessed directly from Memerambi-Barkers Creek Road. There is a property access from Old Wondai Road which is only utilised by light vehicles associated with normal farming

activities. The proposed expansion is not anticipated to increase usage of Old Wondai Road. With regard to parking, heavy vehicle parking is provided adjacent to the location in which the vehicle is loading or unloading. There is a large hardstand pad adjacent to the cattle handling facility and feedmill used for heavy vehicle parking. Light vehicles can park at the location in which they are working. This includes the cattle handling facility, feedmill, machinery shed and workshop, and various other locations around the feedlot and property.

General operational details are included in Table 2 below.

Table 2 – Proposal Details

Development Component	Proposed
Standard Cattle Units (SCU)	6,425 SCU • Stage 1: 1,500 SCU • Stage 2: 1,800 SCU
Stocking Density	Stage 1: 15m^2/ SCU Stage 2: 9m^2/ SCU
Employees	Feedlot currently employs 14 people, including three family members across the site. The proposed expansion will result in an additional six (6) full-time employees.
Hours of Operation	Staff and general operations – 24 hours a day, seven days a week. Operations, work and heavy vehicle movements – generally 6am to 6pm.
Access and Vehicle Arrangements	Memerambi-Barkers Creek Road and Old Wondai Road (only utilised by light vehicles). The proposed expansion will not increase the vehicles using Old Wondai Road. The proposed expansion will result in approximately two additional trucks per day.
Parking	10 spaces (8 staff and 2 visitor/ maintenance)

Figure 1 to **Figure 4** below include the property plan, concept plan, design plan, and controlled drainage area plan associated with the proposed development.

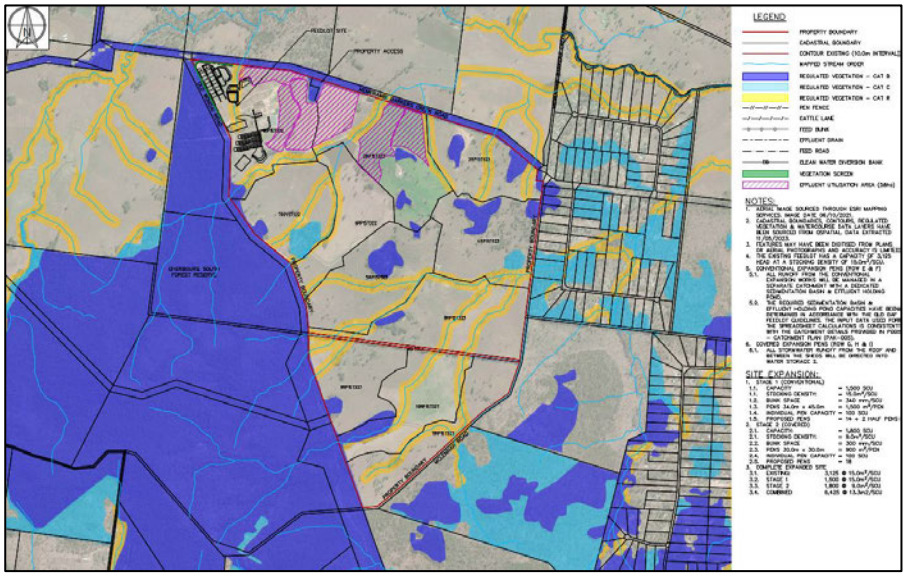


Figure 1. Property Plan (Source: AgDSA)

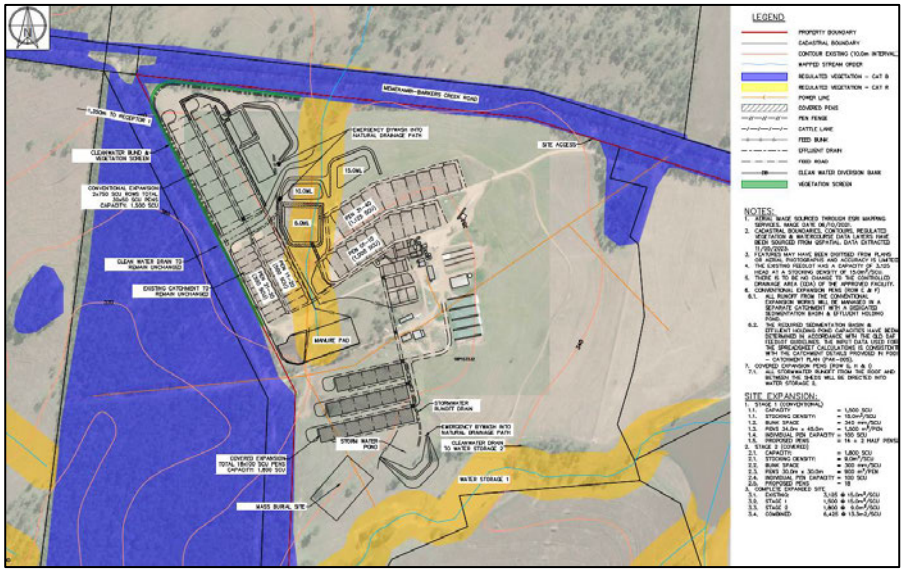


Figure 2. Concept Plan (Source: AgDSA)

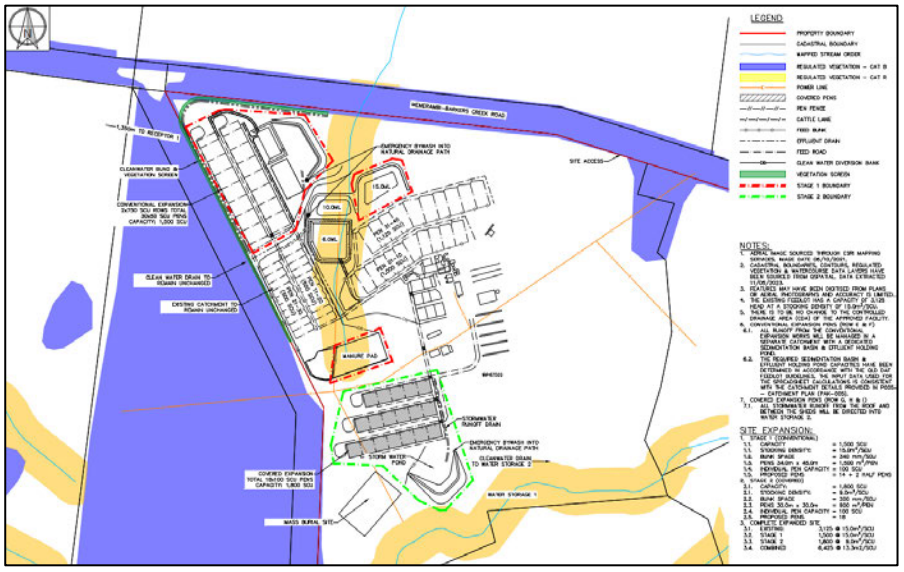


Figure 3. Design Plan (Source: AgDSA)



Figure 4. Controlled Drainage Area Plan (Source: AgDSA)

4. APPLICATION HISTORY

Confirmation Notice

On 14 December 2023, a Confirmation Notice was issued to the Applicant. On 21 December 2023, an Amended Confirmation Notice was issued to the Applicant.

Information Request

On 21 December 2023, an Information Request was issued to the Applicant in accordance with Part 3 of the Development Assessment Rules. The Information Request sought a Staging Plan.

Referral Agency Information Request

On 26 February 2024, the State Assessment and Referral Agency issued an Information Request in accordance with Part 2 of the Development Assessment Rules. The Information Request sought the following information:

- An updated DA Form 1;
- An Odour Impact Assessment; and
- A Mass Morality Management Plan.

Information Request Response

On 11 April 2024, the Applicant jointly responded to the SARA and Council Information Requests.

Public Notification

On 9 May 2024, the applicant undertook Public Notification of the development application in accordance with Part 4 of the Development Assessment Rules. During this period, one (1) properly made submission was received. The matters raised were in relation to:

- Odour management.
- Traffic and road safety.
- Dust management on Memerambi-Barkers Creek Road.
- Shade for animal welfare.

On 6 June 2024, the Applicant responded to the matters raised in the properly made submission.

5. ASSESSMENT OF ASSESSMENT BENCHMARKS

Framework for Assessment
Categorising Instruments for Statutory Assessment

For the *Planning Act 2016*, the following Categorising Instruments may contain Assessment Benchmarks applicable to development applications:

- the *Planning Regulation 2017;*
- the Planning Scheme for the local government area;
- any Temporary Local Planning Instrument; and
- any Variation Approval .

Of these, the planning instruments relevant to this application are discussed below in this report.

The following sections of the *Planning Act 2016* are relevant to this application:

45(5) An impact assessment is an assessment that –

(a) must be carried out –

(i) against the assessment benchmarks in a categorising instrument for the development; and

(ii) having regard to any matters prescribed by regulation for this subparagraph; and

(b) may be carried out against, or having regard to, any other relevant matter, other than a person's personal circumstances, financial or otherwise.

In regard to the prescribed regulation, being the *Planning Regulation 2017,* the following sections apply in the assessment of this application:

Section 30 – Assessment Benchmarks generally

(1) For section 45(5)(i) of the Act, the impact assessment must be carried out against the assessment benchmarks for the development stated in schedules 9 and 10.

(2) Also, if the prescribed assessment manager is the local government, the impact assessment must be carried out against the following assessment benchmarks—

(a) the assessment benchmarks stated in—

(i) the regional plan for a region, to the extent the regional plan is not identified in the planning scheme as being appropriately integrated in the planning scheme; and

(ii) the State Planning Policy, part E, to the extent part E is not identified in the planning scheme as being appropriately integrated in the planning scheme; and

(iii) a temporary State planning policy applying to the premises;

(b) if the development is not in a local government area-any local planning instrument for a local government area that may be materially affected by the development;

(c) if the local government is an infrastructure provider—the local government's LGIP.

(3) However, an assessment manager may, in assessing development requiring impact assessment, consider an assessment benchmark only to the extent the assessment benchmark is relevant to the development.

4.1. PLANNING REGULATION 2017

The Planning Regulation 2017 forms the mechanism by which the provisions of the Act are administered. The Regulation has the ability to regulate and prohibit development and determines the assessment manager and the matters that trigger State interests.

PLANNING REGULATION 2017 DETAILS	
WBB Regional Plan Designation:	*Wide Bay Burnett Regional Plan 2011 – Regional Landscape and Rural Production Area* The RLRPA identifies land with regional landscape, rural production or other non-urban values. It protects this land from inappropriate development, particularly urban or rural residential development. These areas support the lifestyle and wellbeing of the regional population, primarily located in the Urban Footprint. The RLRPA includes land with one or more of these values: • Significant biodiversity; • Regional ecosystems that are endangered or of concern • National parks, conservation parks, resources reserves or other conservation areas; • Significant fauna habitats; • Good quality agricultural land and other productive rural areas • Cultural and landscape heritage values (traditional and non-Indigenous);

	• Natural economic resources, including extractive resources and forestry plantations; • Water catchments, water storages and groundwater resources • Native forests; • Coastal wetlands; • Land that forms strategic and regionally significant inter-urban breaks; • Unsuitable for, or not required for, urban and rural residential purposes; and • Rural towns and associated activities. The RLRPA does not impede existing land use rights. This ensures that existing commitments and significant activities, such as agricultural production, access to natural resources, water storage, tourism, outdoor recreation and nature conservation, can continue. The proposed development is for an expansion to an existing feedlot, where it is considered that the proposed development is consistent with the Regional Plan. In late 2023, the Wide Bay Burnett Regional Plan 2023 was released. It is noted that the site is located in the Priority Agricultural Area. Given the nature of the proposed development and the context of the site, it is not anticipated to conflict with the goals of the new Regional Plan.

4.2. REFERRAL AGENCIES

To determine whether the development application requires referral to the State Assessment and Referral Agency (SARA) or 'another entity', an assessment of the proposal against Schedule 10 of the Regulation has been undertaken.

The application requires referral to the State Assessment & Referral Agency, as demonstrated in **Table 3** for the following triggers:

- Schedule 10, Part 5, Division 4, Table 2 – Non-devolved environmentally relevant activities; and
- Schedule 10, Part 9, Division 4, Subdivision 1, Table 1 – Aspect of development stated in Schedule 20.

Note: Grey shading indicates no provisions.

Table 3 - Matters Prescribed in Schedule 10 of the Planning Regulation

Part	Matter	Applicability to this Development Application	Prohibited Development	Assessable Development	Referral Agency	Assessment Benchmarks / Matters to be assessed against
1	Airport Land	N/A		N/A	N/A	N/A
2	Brothels	N/A	N/A	N/A		N/A
3	Clearing Native Vegetation	N/A	N/A	N/A	N/A	N/A
4	Contaminated Land	N/A		N/A	N/A	N/A
5	Environmentally Relevant Activity	Yes	No	Yes	SARA	SDAP: State Code 22
6	Fisheries: - Aquaculture - Declared Fish Habitat - Marine Plants - Waterway Barrier works	 N/A N/A N/A N/A		N/A	N/A	N/A

Table 3 - Matters Prescribed in Schedule 10 of the Planning Regulation						
Part	Matter	Applicability to this Development Application	Prohibited Development	Assessable Development	Referral Agency	Assessment Benchmarks / Matters to be assessed against
7	Hazardous Chemical Facilities	N/A		N/A	N/A	N/A
8	Heritage Place: - Local Heritage Place - Queensland Heritage Place	N/A		N/A	N/A	N/A
9	Infrastructure Related: - Designated Premises - Electricity - Oil and Gas - State Transport Generally - State Transport Corridors and Future State Transport Corridors - State-controlled transport tunnels and future state-controlled transport tunnels	 N/A N/A N/A Yes Yes N/A			SARA	SDAP: State Code 6
10	Koala Habitat in SEQ region	N/A	N/A			N/A
11	Noise Sensitive Place on Noise Attenuation land	N/A	N/A			
12	Operational Work for Reconfiguring a Lot	N/A		N/A		
12A	Walkable Neighbourhoods – particular reconfiguring a lot	N/A		N/A		N/A
13	Ports: - Brisbane Core Port Land - Within the port limits of the Port of Brisbane - Within the limits of another port - Strategic Port Land	 N/A N/A N/A N/A		N/A	N/A	N/A
14	Reconfiguring a Lot under the Land Title Act	N/A		N/A	N/A	N/A
15	SEQ Development Area	N/A		N/A	N/A	N/A
16	SEQ Regional Landscape and Rural Production	N/A	N/A	N/A	N/A	N/A

Table 3 - Matters Prescribed in Schedule 10 of the Planning Regulation						
Part	Matter	Applicability to this Development Application	Prohibited Development	Assessable Development	Referral Agency	Assessment Benchmarks / Matters to be assessed against
	Area and Rural Living Area: - Community Activity - Indoor Recreation - Residential Development - Urban Activity					
16A	Southport Spit	N/A	N/A			
17	Tidal Works or Work in a Coastal Management District	N/A		N/A	N/A	N/A
18	Urban Design	N/A			N/A	N/A
19	Water Related Development: - Taking or interfering with water - Removing quarry material - Referral dams - Levees	 N/A N/A N/A N/A		N/A	N/A	N/A
20	Wetland Protection Area	N/A	N/A	N/A	N/A	N/A
21	Wind Farms	N/A		N/A		N/A

Based on the findings in **Table 3** it has been concluded that the application requires referral to SARA in accordance with Schedule 10, Part 5, Division 4, Table 2 and Schedule 10, Part 9, Division 4, Subdivision 1, Table 1 of the Planning Regulation 2017.

4.3. STATE PLANNING POLICY

The State Planning Policy (July 2017) (SPP) commenced on the 3 July 2017 and is effective at the time of writing this report. The Planning Regulation 2017 (PR 2017) states the assessment must be carried out against the assessment benchmarks stated in Part E of the State Planning Policy to the extent Part E is not appropriately integrated into the planning scheme.

In accordance with section (8)(4)(a) of the Act, the State Planning Policy applies to the extent of any inconsistency with the Planning Scheme.

State Planning Policy Part E	
Liveable communities and housing	No applicable assessment benchmarks.
Economic growth • Agriculture. • Development and construction. • Mining and extractive resources. • Tourism.	**Agriculture – complies.** The site is identified as an important agricultural area, containing Class A and B agricultural land. Additionally, the site is identified on the stock route network. The proposal involves an expansion to an existing feedlot, with the expansion sites being located on steeper land, which is of identified of lower agricultural value and includes limitations for

	broadacre cropping. These new expansion areas have been located adjacent to the existing feedlot complex, minimising the fragmentation of agricultural land. Additionally, the site is along an identified Stock Route along Old Wondai Road. The feedlot access is not from Old Wondai Road, and therefore, the proposed development will not impact on the function of the stock route. The proposed development therefore complies with the relevant state interest policies relating to Agriculture.
Planning for the environment and heritage. • Biodiversity. • Coastal environment. • Cultural heritage. • Water quality	**Biodiversity – complies.** The site includes regulated vegetation which is of State Environmental Significance. While the proposed development includes the expansion of the feedlot within an area containing Category R vegetation, the clearing of woody vegetation is not proposed, and therefore the proposal complies with the relevant state interest policies relating to Biodiversity.
Safety and resilience to hazards • Emissions and hazardous activities. • Natural hazards, risk, and resilience.	**Natural hazards, risk and resilience – complies.** The site is identified within a bushfire prone area and flood hazard area under SPP mapping. Range Environmental Consultants provided a bushfire advice letter for the proposed development, where the existing feedlot and proposed expansion are located within the potential impact buffer area under the SPP. The letter identifies that the feedlot infrastructure is adequately separated from the adjacent vegetation. Council's flood mapping identifies that the on-site drainage lines are subject to flooding. Clean water from areas upslope from the feedlot is diverted through the feedlot-controlled drainage area via separate drains. The proposed development is therefore considered to comply with the relevant state interest policies relating to Natural hazards, risk, and resilience.
Infrastructure • Energy and water supply. • Infrastructure integration. • Transport infrastructure. • Strategic airports and aviation facilities. • Strategic ports.	No applicable assessment benchmarks. The site is not identified on any of the listed SPP mapping layers relating to Infrastructure. The site is however serviced by the relevant infrastructure suitable for the use of the site as a feedlot.

4.4. DEVELOPMENT CODE ASSESSMENTS

Pursuant to Section 5.5 – Table 5.5.13 – Level of Assessment in the Rural Zone, an application for Material Change of Use for Intensive Animal Industry is subject to Impact Assessment.

The relevant assessment benchmarks are:

- Strategic Framework;
- Rural Zone Code; and

- Services and Works Code.

Strategic Framework

An assessment of the proposed development against the relevant themes under the Strategic Framework is included below.

Section 3.2 Settlement Pattern

Section 3.2 of the planning scheme relates to the Settlement Pattern theme, which identifies the South Burnett Region as having a resilient economy with a strong agricultural heritage, based on animal and crop production. Strategic Outcome 8 seeks to ensure rural villages, including Wattle Camp, allow opportunities for employment and economic activity at a local level. The proposed development involves an expansion to an existing feedlot within a rural locality, providing opportunity for increased employment opportunities and economic activity. Strategic Outcome 10 and Specific Outcome 16 highlight the importance of identifying the impacts of natural hazards on new development. The impacts of bushfire and flooding have been identified through reporting, with appropriate mitigation measures proposed to limit the risk to personal safety and property damage, while ensuring for the effective functioning of infrastructure during and after an event.

Section 3.3 Rural Futures

Section 3.3 of the planning scheme relates to the Rural Futures theme, which identifies the rural landscape as being an intrinsic part of the Region's character. Strategic Outcome 1 identifies that the capacity of important agricultural areas is protected from incompatible land uses to optimise agricultural development opportunities. The development is for an expansion to an existing Intensive animal industry (feedlot) within an Important Agricultural Area. The proposed development includes sufficient separation from nearby sensitive land uses while enhancing the potential for economic benefit from the utilisation of rural land.

Section 3.4 Strong Economy

Section 3.4 of the planning scheme includes the Strong Economy theme, which identifies the Region's economic base to be predominantly rural. The proposed development contributes to the themes outlined in Section 3.4 in that the proposed feedlot expansion will generate additional employment opportunities and local economic activity, thereby supporting the self-sufficiency of the region.

Section 3.5 Natural Systems and Sustainability

Section 3.5 of the planning scheme relates to the Natural Systems and Sustainability theme, which highlights the significance of environmental features and agricultural land within the region. While the site contains regulated vegetation, the development has been located on land subject to historical clearing. As identified in response to Section 3.2 above, the impacts of bushfire and flooding have been identified through reporting, with appropriate mitigation measures proposed to limit the risk to personal safety and property damage, while ensuring for the effective functioning of infrastructure during and after an event.

Section 3.6 Strong Communities

Section 3.6 of the planning scheme relates to the Strong Communities theme, which identifies the assets that contribute to the liveability and prosperity of the region. While the development is for an expansion to an existing feedlot in a rural locality, the proposed development has been designed to minimise potential impacts to surrounding communities, while providing employment opportunities for residents of the nearby towns and villages.

Section 3.7 Infrastructure and Servicing

Section 3.7 of the planning scheme relates to the Infrastructure and Servicing theme, which seeks to ensure that development is adequately serviced. The site is currently serviced by electricity and water services, with minimal changes proposed for Stage 1. It is noted that Stage 2 is contingent on a regional water network project proceeding, where the property is not connected to the reticulated sewerage or water network. The existing feedlot water system is also to be expanded to minimise the impact of the existing feedlot on surface water quality.

Rural Zone Code

The subject site is situated in the Rural Zone of the Planning Scheme. The purpose of the Rural Zone is to:

(a) provide for rural uses and activities;
(b) provide for other uses and activities that are compatible with–
  (i) existing and future rural uses and activities; and
  (ii) the character and environmental features of the zone; and
(c) maintain the capacity of land for rural uses and activities by protecting and managing significant natural resources and processes.

The following table sets out an assessment of the proposal against the Acceptable Outcomes and Performance Outcomes for the Rural Zone Code.

6.2.13.3 Criteria for assessment

Table 6.2.13—Accepted development subject to requirements and assessable development

Performance outcomes	Requirements for accepted development and assessment benchmarks	Response
Section 1 General		
PO1 Development maintains rural amenity and character.	**AO1.1** Buildings are set back 20m from any collector or higher order road and 10m from any other road frontage. AND **AO1.2** The use does not cause odour, noise or air emissions in excess of the prescribed limits in the Environmental Protection (Air) Policy 1997 or the Environmental Protection (Noise) Policy 1997.	**Complies with AO1.1.** The proposed Stage 1 expansion aligns with the existing pens, maintaining the 10 metre setback to Old Wondai Road. **Complies with AO1.2.** The proposed development has been designed to limit additional impacts to sensitive receivers as a result of odour, dust, and noise emissions. The operation of the feedlot is regulated by the Environmental Authority Permit, which includes conditions to ensure the operation of the use meets requirements set out in the Environmental Protection (Air) Policy or the Environmental Protection (Noise) Policy.
PO2 Development does not jeopardise the rural production capacity of the Zone.	Development resulting in lots less than the minimum size in Table 8.4.2 satisfying outcomes –	**Complies with PO2.** The proposed development is for an expansion to an existing feedlot, which does not result

Performance outcomes	Requirements for accepted development and assessment benchmarks	Response
	AO2.1 The proposal is necessary for the efficient production and processing of a crop grown in the area. OR **AO2.2** The proposal provides an alternate productive rural activity that supports regionally significant industry. OR **AO2.3** An agricultural sustainability report prepared by a suitably qualified agronomist demonstrates that – (a) The lot is suitability sized for the proposed activity, including a dwelling house including yard; and (b) There is sufficient water for the proposed activity; and (c) The allotment is capable of being connected to reticulated electricity; and (d) The proposed activity is financially viable, requiring a viability assessment that includes capital costs, operational costs, sustainable yields to support a family, climate, soils and geological factors affecting crop growth, nutrients, salinity, topography, susceptibility to flooding and erosion and an assessment of market robustness (both recent and projected) and alternative practices in the event of failure. AND **AO2.4** Development is consistent with any Soil Conservation Plan that applies to the locality, as approved by the relevant State agency.	in the fragmentation of agricultural land. A feedlot is defined as "Intensive Animal Industry" under the Planning Scheme, which is a consistent use in the Rural Zone. It is considered that the continuation of the use of the site as a feedlot is a productive use of agricultural land and does not jeopardise the rural production capacity of the land.
PO3	**AO3.1**	**Complies with PO3**

Performance outcomes	Requirements for accepted development and assessment benchmarks	Response
Development does not result in any degradation of the natural environment, in terms of the geotechnical, physical, hydrological and environmental characteristics of the site and its setting.	Uses and associated works are confined to existing lawfully cleared land or areas not supporting regulated vegetation. AND **AO3.2** Uses and associated works are confined to areas outside stormwater discharge points, overland flow paths, watercourses and natural drainage features. AND **AO3.3** Development, excluding forestry activities and permanent plantations, adjacent to National Parks or State Forests is set back a minimum of 100m from the park boundaries in the absence of any current 'Management Plans' for these areas.	The existing feedlot is located on a SO 1 drainage line which includes a Category R vegetation regrowth buffer. The expansion of the existing effluent system is proposed within this buffer. However, this is considered to reduce the potential impacts on the adjacent drainage path and surface water environmental values. The proposed development does not require the clearing of any regulated vegetation.
PO4 Development is not exposed to risk from natural hazard relating to land slip.	**AO4.1** Uses and associated works are confined to slopes not exceeding: (a) 15% for residential uses; (b) 10% for treated effluent disposal areas; (c) 6% for non-residential uses.	**Complies with AO4.1** The slope of the proposed effluent disposal area is less than 10% and the applicant has stated that earthworks and batters will be designed to ensure they are not prone to slippage.
PO5 Development is adequately serviced.	**AO5.1** A 45kl water tank is provided for consumption purposes. AND **AO5.2** On-site sewage treatment is provided. AND **AO5.3** Each dwelling is provided with a service line connection to the electricity supply and telecommunications networks.	**Complies with PO5** The proposed development will continue to utilise water from existing on-site dams for Stage 1. Stage 2 will be reliant upon future upgrades to the regional water supply network. The existing on-site sewage treatment facility will continue to be used. The site is currently serviced by electricity infrastructure and telecommunications, with current connections to be maintained.
PO6 Development is located and designed to ensure that land uses are not exposed to:	**AO6.1** Development does not occur: (a) In areas that pose a health risk from previous activities; and	**Not Applicable.** The site is not listed on the CLR or EMR.

Performance outcomes	Requirements for accepted development and assessment benchmarks	Response
(a) Areas that pose a health risk from previous activities; and (b) Unacceptable levels of contaminants.	(b) On sites listed on the Contaminated Land Register or Environmental Management Register. OR **AO6.2** Areas that pose a health risk from previous activities and contaminated soils which are subject to development are remediated prior to plan sealing, operational works permit, or issuing of building works permit.	
Section 2 Where in the vicinity of an existing intensive animal industry		
PO7 Non-rural development does not compromise the integrity and operations of intensive animal industries.	**AO7.1** Non-rural development does not result in an increase in the number of people living or working within 1km from an existing or approved intensive animal industry facility.	**Not Applicable.** The proposed development is for an expansion to an existing feedlot.
Section 3 Caretaker's accommodation – not applicable (AO8.1 – AO9.5)		
Section 4 Home based business – not applicable (AO10.1 – AO13.4)		
Section 5 Secondary dwelling – not applicable (AO14.1 – AO14.2)		
Section 6 For development affected by one or more overlays		
Agricultural land overlay		
PO15 The productive capacity and utility of agricultural land for rural activities is maintained.	**AO15.1** The proposal is not located on agricultural land as identified on SPP Interactive Mapping (Plan Making). OR **AO15.2** The proposal is necessary for the efficient production and processing of a crop grown in the area. OR **AO15.3** The proposal provides an alternate productive rural activity that supports regionally significant industry. OR **AO15.4** An agricultural sustainability report prepared by a suitably qualified agronomist demonstrates that – (a) The lot is suitability sized for the proposed activity. Including a	**Complies with AO15.3.** The proposed development is for an expansion to an existing feedlot which is considered a productive rural activity.

Performance outcomes	Requirements for accepted development and assessment benchmarks	Response
	dwelling house including yard; and (b) There is sufficient water for the proposed activity; and (c) The allotment is capable of being connected to reticulated electricity; and (d) The proposed activity is financially viable, requiring a viability assessment that includes capital costs, operational costs, sustainable yields to support a family, climate, soils and geological factors affecting crop growth, nutrients, salinity, topography, susceptibility to flooding and erosion and an assessment of market robustness (both recent and projected) and alternative practices in the event of failure. AND **AO15.5** Development is consistent with any Soil Conservation Plan that applies to the locality, as approved by the relevant State agency.	
Airport environs overlay – not applicable (AO16.1 – AO17.3)		
Biodiversity overlay		
PO18 Areas of environmental significance, including biodiversity values, are identified, protected and enhanced.	**AO18.1** Uses and associated works are confined to areas not identified on Overlay Map 05. OR **AO18.2** Development is compatible with the environmental values of the area. OR **AO18.3** Where development within an area identified on Overlay Map 05 is unavoidable, measures recommended by a suitably qualified ecologist are incorporated to protect and retain the environmental values and underlying	**Complies with AO18.2.** The proposed development does not require the clearing of regulated vegetation identified on the Biodiversity overlay.

Performance outcomes	Requirements for accepted development and assessment benchmarks	Response
	ecosystem processes within or adjacent to the development site to the greatest extent practical.	
PO19 Biodiversity values of identified areas of environmental significance are protected from the impacts of development	**AO19.1** Development adjacent to Protected Areas identified on Overlay Map 05 is set back a minimum of 100m from the park boundaries in the absence of any current 'Management Plans' for these areas.	**Not Applicable.** The proposed expansion areas are not within 100 metres of an identified protected area.
PO20 There are no significant adverse effects on water quality, ecological and biodiversity values.	**AO20.1** Uses and associated works are confined to areas outside overland flow paths and natural drainage features. AND **AO20.2** All buildings, on-site effluent disposal, external activities or storage areas are located 100m from the top of the bank of a river, creek, stream or wetland identified on Overlay Map 05. **AO20.3** The Waterway Corridors identified on Overlay Map 05 are maintained in a natural state.	**Performance Outcome.** The existing feedlot is located on a SO 1 drainage line which includes a Category R vegetation regrowth buffer. The expansion of the existing effluent system is proposed within this buffer. However, this is considered to reduce the potential impacts on the adjacent drainage path and surface water environmental values. The proposed development does not require the clearing of any regulated vegetation.
Bushfire hazard overlay		
PO21 Development is not placed at unacceptable risk from bushfire, does not increase the extent or severity of bushfire and maintains the safety of people and property from bushfire	**AO21.1** Development does not occur in areas mapped as Very High or High Potential Bushfire Intensity Areas on the SPP Interactive Mapping (Plan Making). OR **AO21.2** A written assessment by a suitably experienced or qualified person confirms that the site is of Low Potential Bushfire Hazard. OR **AO21.3** For areas mapped as Medium Potential Bushfire Intensity Areas on the SPP Interactive Mapping (Plan Making),	**Complies with AO21.2.** The proposal is supported by bushfire hazard advice stating that the feedlot infrastructure located adjacent to the identified bushfire prone areas is adequately separated from areas of hazardous vegetation, minimising potential exposure to bushfire hazards. The development predominantly occurs in area mapped as Potential Impact buffer, with development mostly clear of adjacent areas of Medium Potential Bushfire Intensity to the southwest and along Memerambi-Barkers Creek Road.

Performance outcomes	Requirements for accepted development and assessment benchmarks	Response
	bushfire risk is mitigated through a Bushfire Management Plan incorporating: (a) Lot design and the siting of buildings and uses so: (i) high intensity uses are located on the least bushfire prone area on the site and activities least susceptible to fire are sited closest to the bushfire hazard; and (ii) efficient emergency access is optimised; and (iii) bushfire risk is effectively minimised having regard to aspect, elevation, slope and vegetation. (b) Including firebreaks that provide adequate: (i) setbacks between buildings/ structures and hazardous vegetation; and (ii) access for fire fighting or other emergency vehicles; and (c) Road access for fire-fighting appliances and firebreaks are provided through a perimeter road that separates the use from areas of bushfire hazard and that road has a minimum cleared width of 20 metres; and (d) Where a reticulated water supply is not available and development involves buildings with a gross floor area greater than $50m^2$, one tank within 100m of each residential building that has: (i) fire brigade tank fittings; and	

Performance outcomes	Requirements for accepted development and assessment benchmarks	Response
	(ii) 25,000 litres dedicated for fire fighting purposes.	
PO22 Community infrastructure in any area mapped as Very High to Medium (Potential Intensity) Areas are able to function effectively during and immediately after bushfire events.	**AO22.1** No outcome specified.	**Not Applicable.** The proposed development does not involve community infrastructure.
PO23 Public safety and the environment are not adversely affected by the detrimental impacts of bushfire on hazardous materials manufactured or stored in bulk.	**AO23.1** No hazardous materials, manufactured or stored in bulk, are on land mapped as Very High to Medium (Potential Intensity) Areas.	**Complies with AO23.1.** The proposed development does not involve the manufacture or storage of hazardous materials in bulk.
PO24 Major risks to the safety or property and to the wellbeing of occupants in areas mapped as Very High to Medium (Potential Intensity) Areas is minimised through appropriate siting, servicing and managing of residential premises.	**AO24.1** New dwellings on land mapped as Very High to Medium (Potential Intensity) Areas are located: (a) Centrally within existing cleared areas on a lot which allows a regular shaped area (with a minimum dimension of 50m) of 5,000m2 to be identified that: (i) is free of highly combustible vegetated areas; and (ii) is on southerly to easterly facing slopes not exceeding 15% gradient; or (iii) on flat lands at the base of north to western facing slopes not exceeding 15% gradient. (b) A fire protection buffer is established around the complete perimeter of the dwelling unit within a lot for a minimum width of 50m.	**Not Applicable.** The proposed development does not involve a new dwelling.
Extractive industry overlay – not applicable (AO25.1 – AO27.2)		
Flood hazard overlay		
PO28 Development is not exposed to risk from flood events by responding to flood potential	**AO28.1** All new allotments include an area of sufficient size to accommodate the intended	**Performance Outcome.** The flood hazard overlay map identifies the site within a flood hazard area in the lower part of

Performance outcomes	Requirements for accepted development and assessment benchmarks	Response
and maintains personal safety at all times.	land use outside the area identified on Overlay Map 03. AND **AO28.2** New buildings are not located within the area identified on Overlay Map 03; OR **AO28.3** Development is sited above the 1%AEP flood event where known, or the highest known flood event, as follows: (a) Habitable floor levels - 500mm; (b) Non-habitable floor levels - 300mm; (c) On-site sewage treatment and storage areas for potential contaminants - 300mm; (d) All other development - 0mm. AND **AO28.4** Building work below the nominated flood level allows for the flow through of flood water at ground level: (a) The structure below flood level is unenclosed; or (b) Any enclosure below flood level aligns with the direction of water flow; or (c) Any enclosure not aligning with the direction of water flow must have openings that are at least 50% of the enclosed area with a minimum opening of 75mm. AND **AO28.5** Resilient building materials are used below the nominated flood level in accordance with the relevant building assessment provisions. AND **AO28.6** Signage is provided on site indicating the position and path of all safe evacuation routes off the site.	the adjacent drainage line. The proposed development does not involve any new structures within the identified flood hazard area.

Performance outcomes	Requirements for accepted development and assessment benchmarks	Response
PO29 Development directly, indirectly and cumulatively avoids any significant increase in water flow, velocity or flood level, and does not increase the potential for flood damage either on site or other properties.	**AO29.1** Works associated with the proposed development do not: (a) involve a net increase in filling greater than 50m3; or (b) result in any reductions of onsite flood storage capacity and contain within the site any changes to depth/duration / velocity of flood waters; or (c) change flood characteristics outside the site in ways that result in: (i) loss of flood storage; (ii) loss of/changes to flow paths; (iii) acceleration or retardation of flows; or (iv) any reduction in flood warning times.	**Complies with AO29.1.** The proposed development will result in the increase in effluent pond capacity, reducing the potential for flood damage to the site and adjoining properties.
PO30 Development avoids the release of hazardous materials into floodwaters.	**AO30.1** Materials manufactured or stored on site are not hazardous in nature. OR **AO30.2** Hazardous materials and any associated manufacturing equipment are located above the nominated flood level.	**Not Applicable.** The proposed development does not result in the manufacture or storage of hazardous materials in bulk.
PO31 Community infrastructure in any area mapped as Flood Hazard is able to function effectively during and immediately after flood.	No outcome specified.	**Not Applicable.** The proposed development is not for community infrastructure.
Historic subdivisions overlay – not applicable (AO32.1 – AO33.7)		
Landslide hazard overlay – not applicable (AO34.1 – AO34.2)		
Regional infrastructure overlay		
PO36 Stock routes and trails identified on Overlay Map 04 are protected from incompatible development on adjoining sites.	No outcome specified.	**Performance Outcome.** The proposed development is for an expansion to an existing feedlot which is an agricultural land use.
PO37 Development is sufficiently separated from major	**AO37.1** Sensitive land use (as defined in the Regulation) maintain the	**Not Applicable.** The proposed development is not for a sensitive land use

Performance outcomes	Requirements for accepted development and assessment benchmarks	Response
electricity infrastructure or substations to minimise the likelihood of nuisance or complaint.	following separation distances from substations or easement for major electricity infrastructure identified on Overlap Map 04: (a) 20 m for transmission lines up to 132 kilovolts (b) 30 m for transmission lines between 133 kilovolts and 275 kilovolts and (c) 40 m for transmission lines exceeding 275 kilovolts.	within proximity to major electricity infrastructure.
PO38 There is sufficient space within the site to establish landscaping which substantively assists in screening and softening obtrusive major electricity infrastructure identified on Overlay Map 04.	**AO38.1** A minimum 3m wide densely planted landscaped buffer is provided along the boundary adjoining the major electricity infrastructure, including provision for advanced trees and shrubs that will grow to a minimum height of 10m.	**Not Applicable.** The proposed development is not within proximity to major electricity infrastructure.
Water catchments overlay		
PO39 There are no significant adverse effects on the water quality of drinking water supply.	**AO39.1** Development within the Bjelke-Petersen Dam Water Resource Catchment Area and the 800m buffer to Boondooma and Gordonbrook Dams shown on Overlay Map 06 has no significant adverse effect on the quantity and availability of raw water for consumption, as determined by a suitably qualified water quality expert. OR **AO39.2** Development within the Cooyar Creek water supply buffer area shown on Overlay Map 06 complies with the specific outcomes and measures of the Seqwater Development Guidelines: Development Guidelines for Water Quality Management in Drinking Water Catchments 2012.	**Not Applicable.** The site is within the Lake Barambah resource catchment area. However, reporting indicates the impact on water quality is anticipated to be negligible.

Summary of Compliance with Rural Zone Code:

The proposed development generally complies with the acceptable outcomes of the Rural Zone Code, with performance outcomes sought in relation to the use of the site being for a feedlot, slope of the land, and the location of infrastructure within an identified watercourse buffer. In each case, sufficient reporting was submitted by the applicant to demonstrate the proposed expansion will result in limited impacts to the surrounding rural locality and environment.

Services and Works Code

8.4.2.3 Criteria for assessment

Table 8.4.3—Assessable development

Performance outcomes	Requirements for accepted development and assessment benchmarks	Response
Section 1 General		
PO1 The development is planned and designed considering the land use constraints of the site for achieving stormwater design objectives.	**AO1.1** A stormwater quality management plan provides for achievable stormwater quality treatment measures that meet the design objectives identified in Table 9.4.4.	**Complies with AO1.1.** The proposal is supported by a Stormwater Management Plan, with reasonable and relevant conditions imposed relating to stormwater management.
PO2 Development does not discharge wastewater to a waterway or off-site unless demonstrated to be best practice environmental management for that site.	**AO2.1** A wastewater management plan prepared by a suitably qualified person and addresses: (a) wastewater type; (b) climatic conditions; (c) water quality objectives; (d) best-practice environmental management; AND **AO2.2** Wastewater is managed in accordance with a waste management hierarchy that: (a) avoids wastewater discharge to waterways; or (b) minimises wastewater discharge to waterways by re-use, recycling, recovery and treatment for disposal to sewer, surface water and groundwater.	**Complies with AO2.1 & AO2.2.** A wastewater management plan has been designed for the feedlot and will be managed in accordance with national guidelines. The existing effluent system will be reconfigured to comply with modern standards.
PO3 Construction activities avoid or minimise adverse impacts on stormwater quality.	**AO3.1** An erosion and sediment control plan addresses the design objectives for the construction phase in Table 9.4.4.	**Complies with PO3** The applicant has advised that an erosion and sediment control plan will be prepared for the subsequent operational works application.
PO4 Operational activities avoid or minimise changes to waterway hydrology from adverse	**AO4.1** Development incorporates stormwater flow control measures to achieve the	**Complies with AO4.1.** The proposal is supported by a Stormwater Management Plan, with reasonable and

Performance outcomes	Requirements for accepted development and assessment benchmarks	Response
impacts of altered stormwater quality and flow.	design objectives for the postconstruction phase in Table 9.4.4.	relevant conditions imposed relating to stormwater management across the site.
Section 2 Infrastructure		
PO5 Development is provided with infrastructure which: (a) conforms with industry standards for quality; (b) is reliable and service failures are minimised; and (c) is functional and readily augmented.	**AO5.1** Except in the Rural zone, all development occurs on a site with frontage to a sealed road. AND **AO5.2** Infrastructure is designed and constructed in accordance with the standards contained in PSP1 – Design and Construction Standards.	**Complies with AO5.2.** The site is accessed via an unsealed road. However, it is within the Rural Zone. **Not Applicable.** The proposal does not involve new or upgraded infrastructure.
Section 3 Vehicle parking		
PO6 Vehicle parking and access is provided to meet the needs of occupants, employees, visitors and other users.	**AO6.1** Vehicle parking spaces are provided on-site in accordance with Table 9.4.5. AND **AO6.2** A service bay is provided on-site for the service vehicle nominated in Table 9.4.5. AND **AO6.3** Driveway crossings are provided to the standard contained in PSP1 – Design and Construction Standards. AND **AO6.4** Vehicle parking and manoeuvring areas are provided in accordance with the standards contained in PSP1 – Design and Construction Standards.	**Complies with PO6** Vehicle parking requirements have not been specified for the proposed use. However, a Traffic Impact Assessment has been provided, demonstrating that the site contains sufficient area for on-site vehicle parking. The assessment also demonstrates the suitability of the surrounding road network for the proposed development.
Section 4 Landscaping		
PO7 Landscaping is appropriate to the setting and enhances local character and amenity.	**AO7.1** Landscaping is provided in accordance with the relevant zone code provisions. AND **AO7.2** Where shade tree planting is required in vehicle parking areas each planting bed has a minimum area of $2m^2$ and is unsealed and permeable. AND **AO7.3**	**Complies with PO7** Due to the rural nature of the use, limited landscaping is proposed, however, existing Category B regulated vegetation in the adjacent road corridor provides sufficient screening from the surrounding road network. A condition has been imposed to ensure the retention of this landscaping to act as a visual buffer.

Performance outcomes	Requirements for accepted development and assessment benchmarks	Response
	Plantings along frontages or boundaries are in the form of defined gardens with three tier planting comprised of groundcovers, shrubs (understorey), and trees (canopy) and provided with a drip irrigation system, mulching and border barriers.	
PO8 Plant species avoid adverse impacts on the natural and built environment, infrastructure and the safety of road networks.	**AO8.1** Landscaping utilises plant species that are appropriate for the location and intended purpose of the landscaping. AND **AO8.2** Species selection avoids non-invasive plants.	**Complies with AO8.1 & AO8.2.** The proposed development will include native vegetation to provide screening, with conditions included to ensure landscaping utilises appropriate plant species.
Section 5 Filling and excavation		
PO9 Development results in ground levels that retain: (a) access to natural light; (b) aesthetic amenity; (c) privacy; and (d) safety.	**AO9.1** The depth of: (a) fill is less than 2m above ground level; or (b) excavation is less than 2m below ground level. AND **AO9.2** The toe of the fill, or top of the excavation is not less than 0.5m inside the site property boundary. AND **AO9.3** Works do not occur on slopes over 15% in grade. AND **AO9.4** Retaining walls over 1m in height are terraced 1.5m for every 1m in height and landscaped. AND **AO9.5** Batter slopes are not steeper than 25% and are grassed and terraced 1.5m for every 1m in height. AND **AO9.6** Filling or excavation for the purpose or retention of water:	**Not Applicable.** The proposed development does not involve earthworks. The applicant has advised that a subsequent operational works application will be lodged with Council.

Performance outcomes	Requirements for accepted development and assessment benchmarks	Response
	(a) is certified by an RPEQ engineer to safely withstand the hydraulic loading; (b) directs overflow such that no scour damage or nuisance occurs on adjoining lots.	
PO10 Filling or excavation does not cause damage to public utilities.	**AO10.1** Filling or excavation does not occur within 2m horizontally of any part of an underground water supply, sewerage, stormwater, electricity or telecommunications system.	**Not Applicable.** The proposed development does not involve earthworks. The applicant has advised that a subsequent operational works application will be lodged with Council.
PO11 Filling and excavation avoids water ponding on the premises or nearby premises that will adversely impact on the health of the community.	**AO11.1** Following filling or excavation: (a) the premises: (i) are self-draining; and, (ii) has a minimum slope of 0.25%; and, (b) surface water flow is: (i) directed away from neighbouring properties; or (ii) discharged into a stormwater drainage system designed and constructed in accordance with AS3500 section 3.2.	**Not Applicable.** The proposed development does not involve earthworks. The applicant has advised that a subsequent operational works application will be lodged with Council.
Section 6 All operational work subject to an overlay – not applicable (AO12.1 – AO18.2)		

Summary of Compliance with the Services and Works Code:

The proposed development generally complies with the Services and Works Code with performance outcomes sought in relation to landscaping and parking. The proposal is supported by a Stormwater Management Plan, Traffic Impact Assessment, and Wastewater Management Plan.

Other Relevant Matters

The consideration of other relevant matters applies to the assessment and decision-making process for this impact assessable development application. The below summarises the matters considered by the planning assessment.

Applicant submitted reports	Development Assessment Report Traffic Impact Assessment Bushfire Hazard Advice
Planning Scheme Amendment v2.0 (Major Amendment)	At Council's General Meeting on 20 July 2022, Council endorsed the proposed Major Amendment to the Planning Scheme, which is currently with the State Government for a State Interest Check per the Minister's Guidelines and Rules. As the amendment is still draft, officers have simply considered this point. However, a merit-based assessment has been provided below to

	complement the assessment against the benchmarks of the current version of the Planning Scheme.
Assessment considerations of merits	Impact assessment under the *Planning Act 2016* is an 'unbounded' assessment. This means relevant matters, other than those prescribed, can also be considered and the weighing and balancing 'inside the box' as well as with factors 'outside the box' can take place in reaching a decision. The discussion below outlines the planning assessment of the merits of the application presented.

Planning Discussion

It is considered that compliance has been demonstrated with the relevant assessment benchmarks of the South Burnett Regional Council Planning Scheme 2017. An Intensive Animal Industry is an anticipated land use in the Rural Zone where not exceeding a prescribed scale. As the proposed development seeks to expand upon an existing Intensive Animal Industry use, the development exceeds the prescribed threshold, triggering Impact Assessment. Notwithstanding, the proposal seeks to establish an anticipated land use in the Rural Zone. As the feedlot is existing, the impact from additional capacity is the primary matter for consideration. Upon application, the Applicant provided specialist reporting to support the proposal, demonstrating appropriate management of any potential impacts (amenity included) to the surrounding rural locality or sensitive land uses.

Operationally, the Applicant has demonstrated that the development can operate in accordance with the relevant standards through the imposition of reasonable and relevant conditions. The Applicant adequately responded to Council's Information Request, the State Assessment and Referral Agency's Information Request and the one (1) properly made submission received during the Public Notification period. With this information, and as detailed within this report, the development has demonstrated appropriate management or mitigation of any identifiable impacts.

6. CONSULTATION

Referral Agencies

State Assessment and Referral Agency	Yes
Other	Not Applicable

Council Referrals

INTERNAL REFERRAL SPECIALIST	*REFERRAL / RESPONSE*
Development Engineer	Council's Development Engineer provided engineering conditions and calculated Infrastructure Charges.
Infrastructure Charges Unit	Council adopted a LGIP on 24 June 2019 which commenced on 1 July 2019. The types of development that may trigger the issuing of an infrastructure charges notice are: a) Reconfiguring a lot; b) Making a Material change of use; and c) Carrying out Building Work. Refer to Infrastructure Charges Notice attached as Attachment B.

Public Notification

Date Notification Commenced	09 May 2024
Date Notification Completed	30 May 2024
Date notice of compliance received	31 May 2024

During the Public Notification period, one (1) properly made submission was received. The matters raised have been discussed in the following table.

Submission Summary	
Submitter Issue	Response

Odour Management
• Covered pens, which is the only proactive strategy proposed to assist in reducing odour emissions, are only proposed in expansion stage 2.
• The environmental risk assessment proposed does not acknowledge the significant increase in overall stocking density for the site.
• Recommend that:
  • The development approval requires both expansion stages 1 and 2 to include covered pens; and
  • The approval should be contingent upon the implementation of additional odour emissions mitigation strategies such as vegetative barriers.
	The applicant advised that current operations include the cleaning of pens every 65 days (weather permitting), which exceeds the 90-day industry standard.
	
	The Applicant, in response to the properly made submission, has offered to vary operations in consultation with the submitter. This matter sits separate to the development assessment process.
	
	The applicant has advised that the proposed stocking density of 9m^2/SCU is expected to provide an appropriate level of moisture with supplementary bedding provided if localised wet patches develop. It is noted that a higher stocking density is necessary to maintain moisture in the manure to prevent excessive dust.
	
	SARA issued the applicant with an Information Request, including an item relating to odour. The applicant provided a response to this item, with the updated EA including conditions relating to odour management (Conditions A1 to A4 of EA Permit).
	
	This matter is considered to have been adequately addressed.

Traffic and Road Safety
• Concern with road safety impacts resulting from the increased usage of Memerambi-Barkers Creek Road, including by B-doubles.
• Proactive improvements to mitigate the increased traffic and associated wear and tear (or safety risks) are not outlined.
• Recommend that:
  • The proposal includes a comprehensive traffic management plan and road maintenance strategy to address these concerns and that Council should enforce these plans to ensure compliance; and
  • The applicant covers the costs of extending the 1.6km of bitumen from the west to Pakaderinga's gate and mandate that all heavy vehicles access the feedlot to/ from the west.
 	
• Proposal does not present specific, effective dust management strategies for the increased truck traffic on the unsealed sections of Memerambi-Barkers Creek Road.
• Recommended that:
  • Condition the applicant to implement enforceable dust management measures for Memerambi-Barkers Creek Road.
	The applicant has identified that due to the minor increase in traffic volumes and prioritisation of B-doubles, traffic related to the feedlot will no longer travel along Memerambi-Barkers Creek Road to or from the Burnett Highway (east) and that all heavy vehicles are to access the property from the Bunya Highway (west).
	
	The applicant identified that the proposal will result in an additional two heavy vehicles along Memerambi-Barkers Creek Road and that the condition of the road is due to the many HRVs which utilise the road daily (not just associated with the feedlot).
	
	A condition has been included in SARA's Decision Notice to ensure all heavy vehicles access the property from the Bunya Highway (west). Further, a condition relating to dust management in and around the site has been included in SARA's Decision Notice to ensure dust emissions do not exceed certain concentrations at any sensitive or commercial place (Condition A2).
	
	This matter is considered to have been adequately addressed.

Shade for Animal Welfare • The current design does not align with the Australian Lot Feeders' Association (ALFA)	Animal welfare is not a relevant planning matter.

Policy, which advocates for all cattle in feedlots to have access to shade to shelter by 2026. • Recommended that: • Condition the applicant to revise their application and install shade structures in all new pens to improve cattle welfare, productivity, and reduce mortalities in severe heat events.	

7. RECOMMENDATION

That Council approve the Development Permit - Material Change of Use for Intensive Animal Industry (Expansion of Existing Feedlot to 6,425 SCU and Associated Infrastructure) at 1270 & 1344 Memerambi Barkers Creek Road WATTLE CAMP (and described as Lots 1, 2, 6 & 7 on RP157322, Lots 3, 4, 5 & 8 on RP157323 and Lots 9, 10 & 11 on RP157327).

Grounds to support the approval of the development application –

- The subject site is identified within the Rural Zone under the South Burnett Regional Council Planning Scheme 2017 version 1.4. The proposal involves an extension to an existing Intensive Animal Industry (Feedlot), which is an anticipated use in the Rural zone. The proposed development will be a continuation of a pre-existing use of the site.
- The extension to the existing Intensive Animal Industry was determined to be consistent with the South Burnett Regional Planning Scheme 2017 v1.4 Strategic Framework. Further, the development demonstrated compliance with the balance of the Planning Scheme.
- Any impacts beyond that already anticipated under the existing operation are considered to be reasonably managed or mitigated through the imposition of reasonable and relevant conditions, obligations under separate permit/s (Environmental Authority, for example) or through compliance with the recommendations of specialist reporting (Traffic Impact Assessment, Stormwater Management Plan, Bushfire Hazard Letter, Wastewater Management Plan, etc.).
- The proposed development maintains existing access arrangements and setbacks to Old Wondai Road. The land use will continue to be adequately screened from the surrounding road network.
- One (1) properly made submission was made to the proposed development, raising issues relating to odour, traffic and road safety and the welfare of animals. These individual matters have been adequately addressed through either response, the imposition of reasonable and relevant conditions, or through obligations under separate permit/s (Environmental Authority).

ATTACHMENTS

1. **Attachment A - Statement of Reasons** ⇩
2. **Attachment B - Infrastructure Changes Notice** ⇩
3. **Attachment C - Approved Plans** ⇩
4. **Attachment D - Traffic Impact Assessment** ⇩
5. **Attachment E - Bushfire Hazard Advice** ⇩
6. **Attachment F - SARA Referrral Agency Response** ⇩

NOTICE ABOUT DECISION – STATEMENT OF REASONS

The following information is provided in accordance with Section 63(4) & (5) of the Planning Act 2016

Applicant:	Pakaderinga Feedlot Q Pty Ltd C/- AgDSA
Application No:	MCU23/0031
Proposal:	Material Change of Use for Intensive Animal Industry (Expansion of Existing Feedlot to 6,425 SCU and Associated Infrastructure)
Street Address:	1270 & 1344 Memerambi Barkers Creek Road WATTLE CAMP
RP Description:	Lots 1, 2, 6 & 7 on RP157322, Lots 3, 4, 5 & 8 on RP157323 and Lots 9, 10 & 11 on RP157327
Assessment Type:	Impact Assessable
Number of Submissions:	One (1) properly made submission received

On 17 July 2024 the above development was recommended for:

☒ Approval
☐ Refusal

1. Reasons for the Decision

The reasons for this decision are:

- The subject site is identified within the Rural Zone under the South Burnett Regional Council Planning Scheme version 1.4. The proposal involves an extension to an existing Intensive Animal Industry (Feedlot), which is an anticipated use in the Rural zone. The proposed development will be a continuation of a pre-existing use of the site.

- The extension to the existing Intensive Animal Industry was determined to be consistent with the South Burnett Regional Planning Scheme 2017 v1.4 Strategic Framework. Further, the development demonstrated compliance with the balance of the Planning Scheme.

- Any impacts beyond that already anticipated under the existing operation are considered to be reasonably managed or mitigated through the imposition of reasonable and relevant conditions, obligations under separate permit/s (Environmental Authority, for example) or through compliance with the recommendations of specialist reporting (Traffic Impact Assessment, Stormwater Management Plan, Bushfire Hazard Letter, Wastewater Management Plan, etc.).

- The proposed development maintains existing access arrangements and setbacks to Old Wondai Road. The land use will continue to be adequately screened from the surrounding road network.

- One (1) properly made submission was made objecting to the proposed development, with issues relating to odour, traffic and road safety and the welfare of animals. These individual matters have been adequately addressed through either response, the imposition of reasonable and relevant conditions or through obligations under separate permit/s (Environmental Authority).

2. Assessment Benchmarks

The following are the benchmarks apply to this development:

- Strategic Framework
- Rural Zone Code
- Services and Works Code

3. Compliance with Benchmarks

The development was assessed against all the assessment benchmarks listed above and complies with all of these or can be conditioned to comply.

Note: Each application submitted to Council is assessed individually on its own merit.

INFRASTRUCTURE CHARGES NOTICE

(Section 119 of the Planning Act 2016)

APPLICANT:	Pakaderinga Feedlot C/- AgDSA - Agricultural Development Services Australia Pty Ltd PO Box 292 TOOWOOMBA QLD 4350	
APPLICATION:	Material change of use for Intensive animal industry (Expansion of existing feedlot - 6,425 SCU and associated infrastructure)	
DATE:	24/07/2024	
FILE REFERENCE:	MCU23/0031	
AMOUNT OF THE LEVIED CHARGE: *(Details of how these charges were calculated are shown overleaf)*	**$0.00**	**Total**
	$0.00	Water Supply Network
	$0.00	Sewerage Network
	$0.00	Transport Network
	$0.00	Parks and Land for Community Facilities Network
	$0.00	Stormwater Network
AUTOMATIC INCREASE OF LEVIED CHARGE:	The amount of the levied charge is subject to an automatic increase. Refer to the Information Notice attached to this notice for more information on how the increase is worked out.	
LAND TO WHICH CHARGE APPLIES:		
SITE ADDRESS:	1344 Memerambi-Barkers Ck Road, Wattle Camp	
PAYABLE TO:	**South Burnett Regional Council**	
WHEN PAYABLE: *(In accordance with the timing stated in Section 122 of the Planning Act 2016)*	Material Change of Use – When the change happens.	
OFFSET OR REFUND:	Not Applicable.	

This charge is made in accordance with South Burnett Regional Council's ***Charges Resolution (No. 3) 2019***

DETAILS OF CALCULATION

Water Supply

Adopted Charges

Development Description	Number of Units	Units of Measure	Charge Rate	Reference	Amount
Not Applicable	-	-	$0.00	-	$0.00

Discounts*

Description	Number of Units	Units of Measure	Discount Rate	Reference	Amount
Not Applicable	-	-	$0.00	-	$0.00

Sewerage

Adopted Charges

Development Description	Number of Units	Units of Measure	Charge Rate	Reference	Amount
Not Applicable	-	-	$0.00	-	$0.00

Discounts*

Description	Number of Units	Units of Measure	Discount Rate	Reference	Amount
Not Applicable	-	-	$0.00	-	$0.00

Transport

Adopted Charges

Development Description	Number of Units	Units of Measure	Charge Rate	Reference	Amount
			$0.00	[CR Table X]	$0.00

Discounts*

Description	Number of Units	Units of Measure	Discount Rate	Reference	Amount
			$0.00		$0.00

Parks and Land for Community Facilities

Adopted Charges

Development Description	Number of Units	Units of Measure	Charge Rate	Reference	Amount
Not Applicable	-	-	$0.00	-	$0.00

Discounts*

Description	Number of Units	Units of Measure	Discount Rate	Reference	Amount
Not Applicable	-	-	$0.00	-	$0.00

Stormwater

Adopted Charges

Development Description	Number of Units	Units of Measure	Charge Rate	Reference	Amount
Not Applicable	-	-	$0.00	-	$0.00

Discounts*

Description	Number of Units	Units of Measure	Discount Rate	Reference	Amount
Not Applicable	-	-	$0.00	-	$0.00

Levied Charges

Development Description	Water Supply	Sewerage	Transport	Parks & Land for Community Facilities	Stormwater	Total
High Impact Industry (Feedlot)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**

** In accordance with Section 3.3 of the Charges Resolution, the discount may not exceed the adopted charge. Any surplus discounts will not be refunded, except at South Burnett Regional Council's discretion.*

INFORMATION NOTICE

Authority and Reasons for Charge	This Infrastructure Charges Notice has been given in accordance with section 119 of the *Planning Act 2016* to support the Local government's long-term infrastructure planning and financial sustainability.
Appeals	Pursuant to section 229 and Schedule 1 of the *Planning Act 2016* a person may appeal an Infrastructure Charges Notice. Attached is an extract from the *Planning Act 2016* that details your appeal rights.
Automatic Increase Provision of charge rate ($)	An infrastructure charge levied by South Burnett Regional Council is to be increased by the difference between the Producer Price Index (PPI) applicable at the time the infrastructure charge was levied, and PPI applicable at the time of payment of the levied charge , adjusted by reference to the 3-yearly PPI average[1]. If the levied charge is increased using the method described above, the charge payable is the amount equal to the sum of the charge as levied and the amount of the increase. However, the sum of the charge as levied and the amount of the increase is not to exceed the maximum adopted charge the Authority could have levied for the development at the time the charge is paid.
GST	The Federal Government has determined that contributions made by developers to Government for infrastructure and services under the *Planning Act* 2016 are GST exempt.
Making a Payment	This Infrastructure Charges Notice cannot be used to pay your infrastructure charges. To pay the levied charge, you must request an Itemised Breakdown showing the total levied charge payable at the time of payment. An Itemised Breakdown must be presented at the time of payment. An Itemised Breakdown may be requested by emailing info@southburnett.qld.gov.au

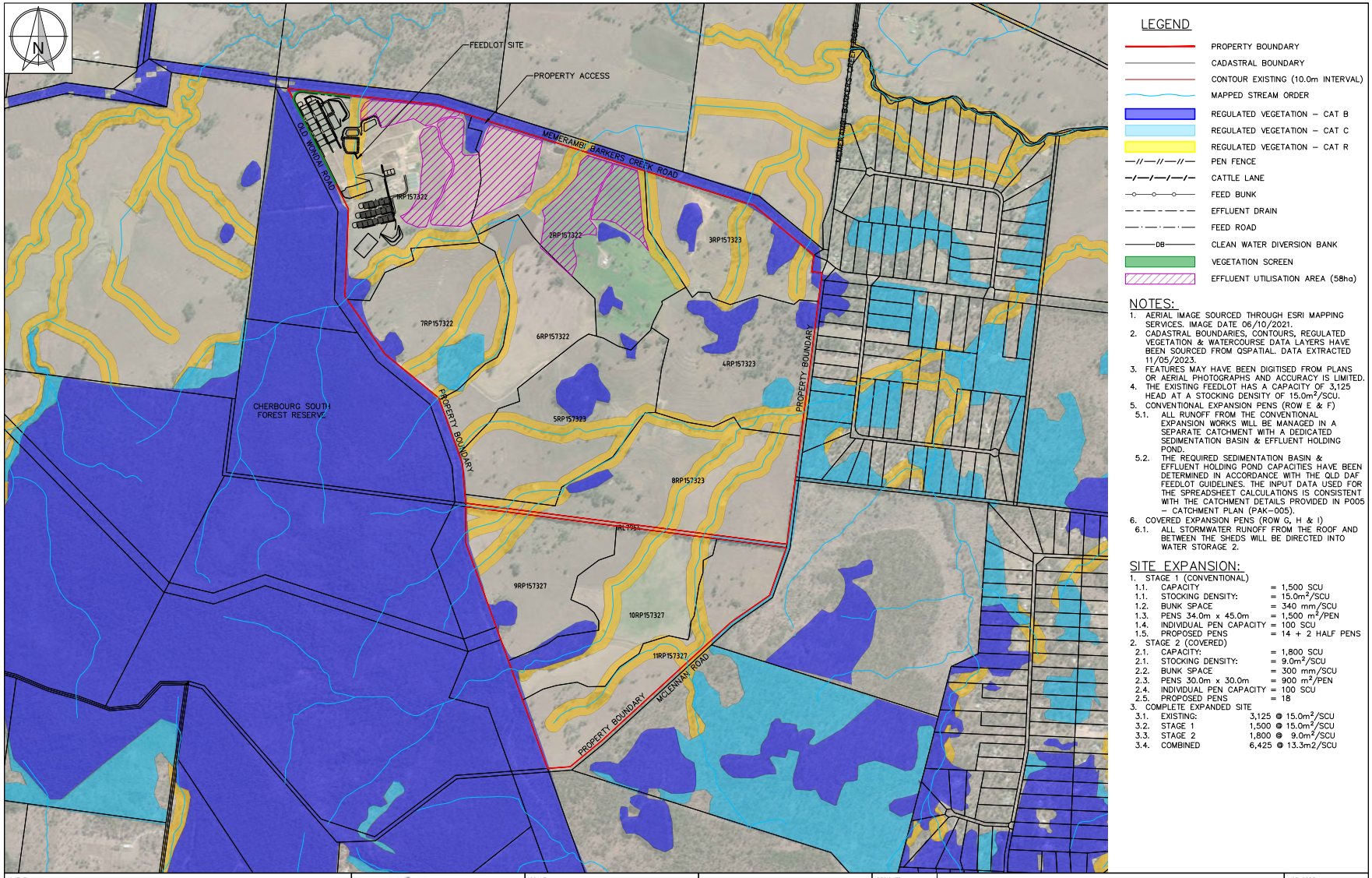
[1] 3-yearly PPI average is defined in section 114 of the *Planning Act 2016* and means the PPI adjusted according to the 3-year moving average quarterly percentage change between financial quarters. PPI Index is the producer price index for construction 6427.0 (ABS PPI) index number 3101 – Road and Bridge construction index for Queensland published by the Australian Bureau of Statistics.

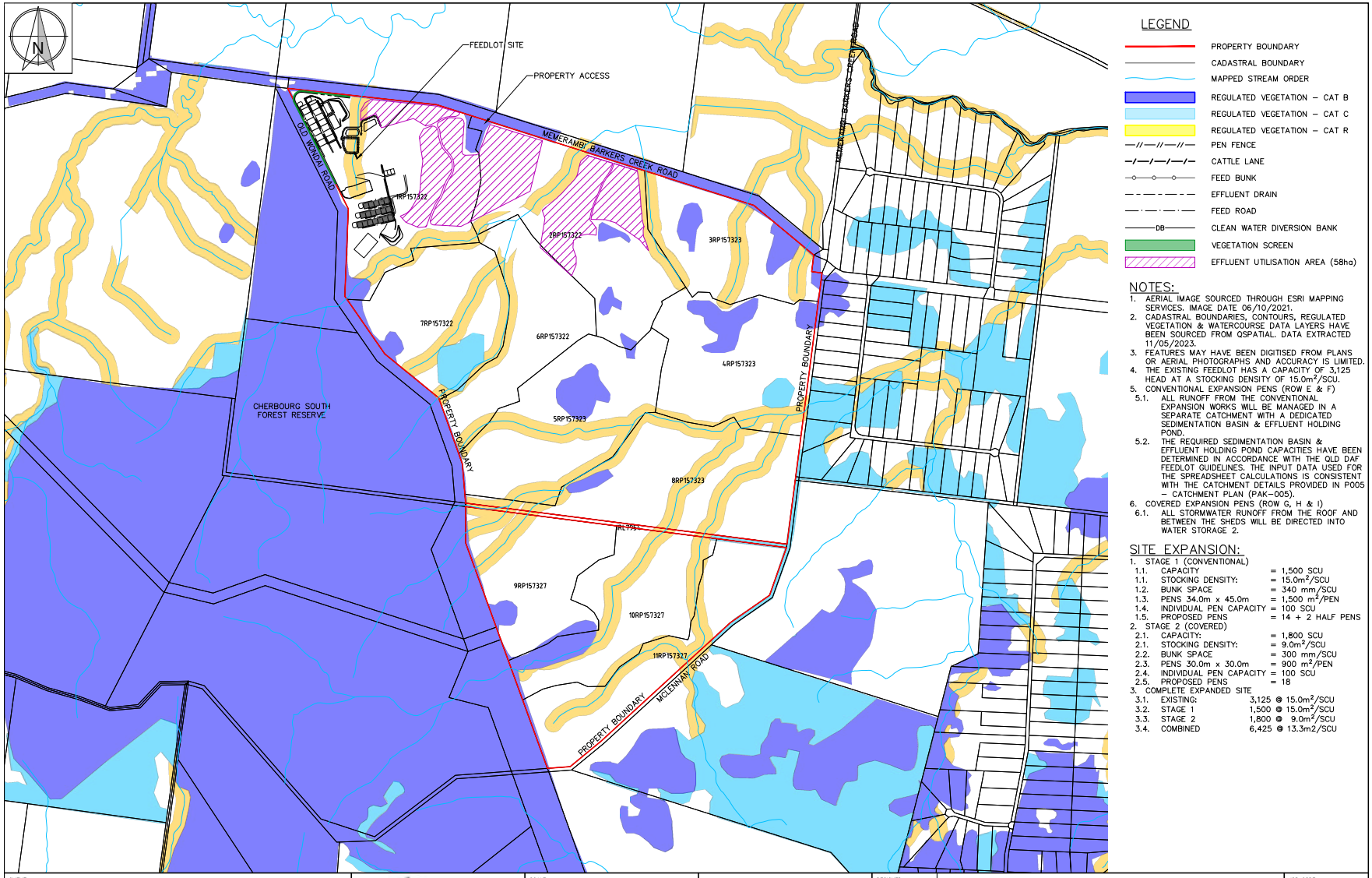
Payment can be made at any of the following South Burnett Regional Council Offices:

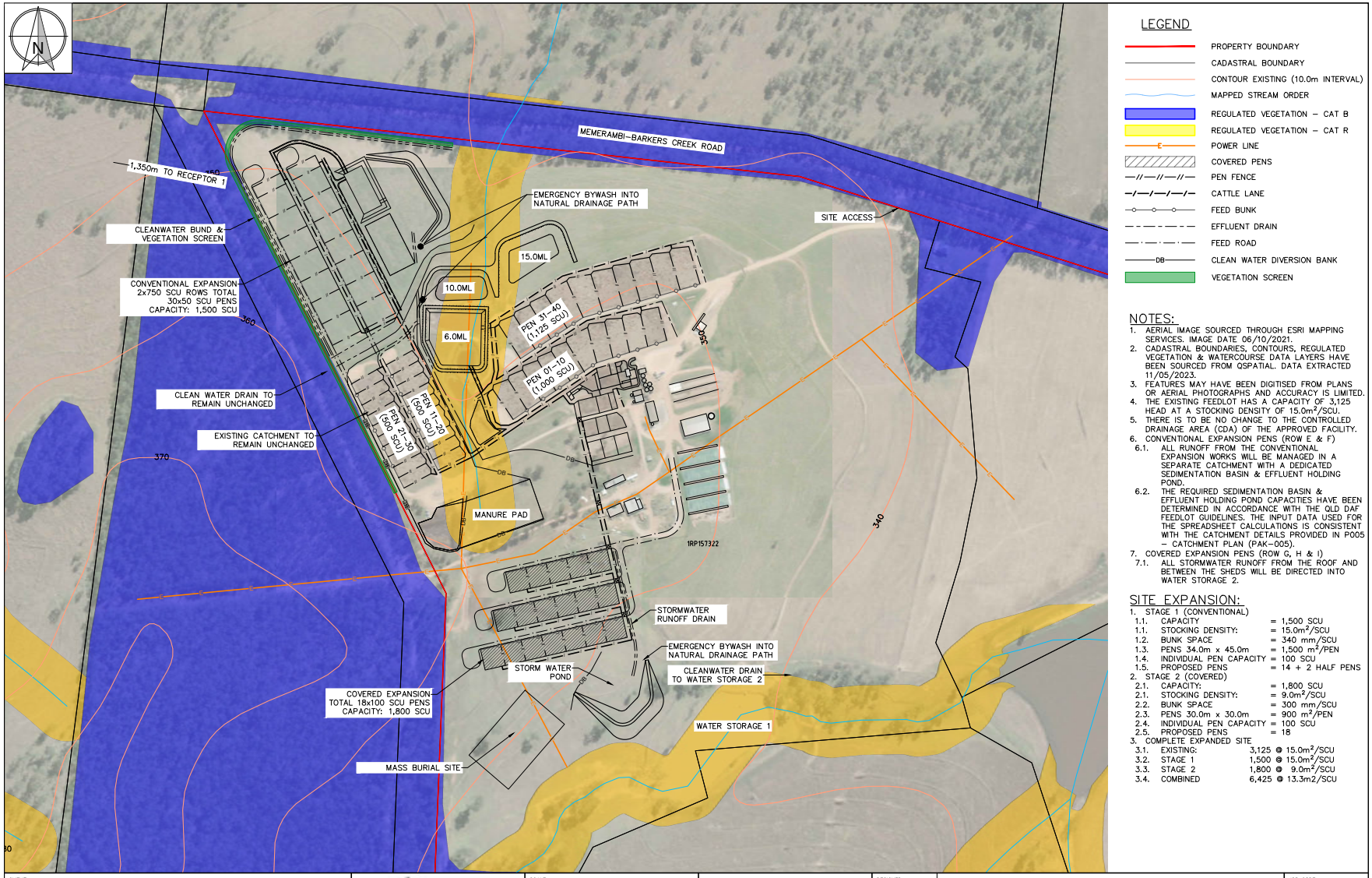
- 69 Hart Street, Blackbutt, 4314;
- 45 Glendon Street, Kingaroy, 4610;
- 42 Stephens Street West, Murgon, 4605;
- 48 Drayton Street, Nanango, 4615;
- McKenzie Street, Wondai, 4606; or
- via other methods identified on the Itemised Breakdown.

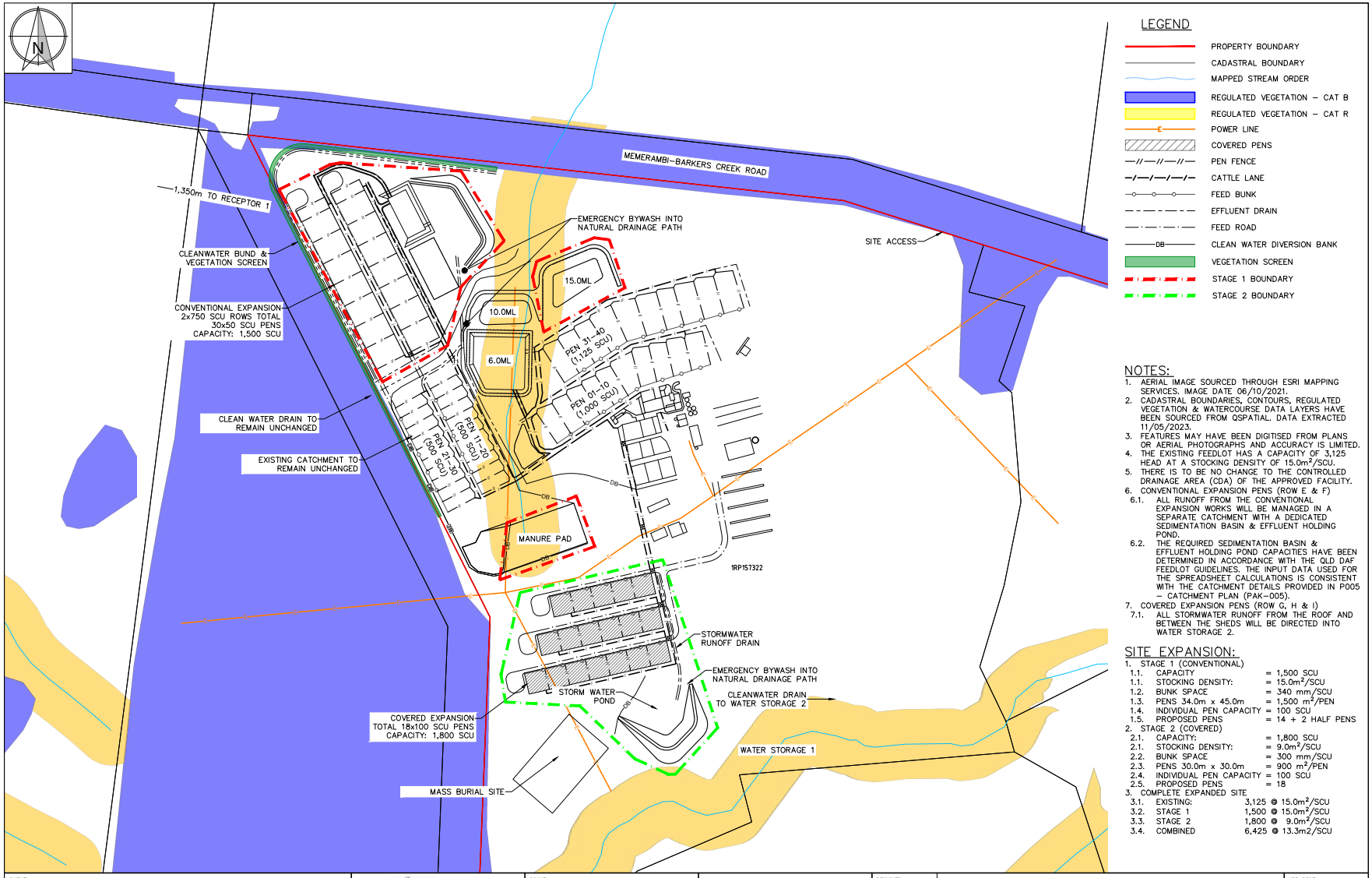
Enquiries

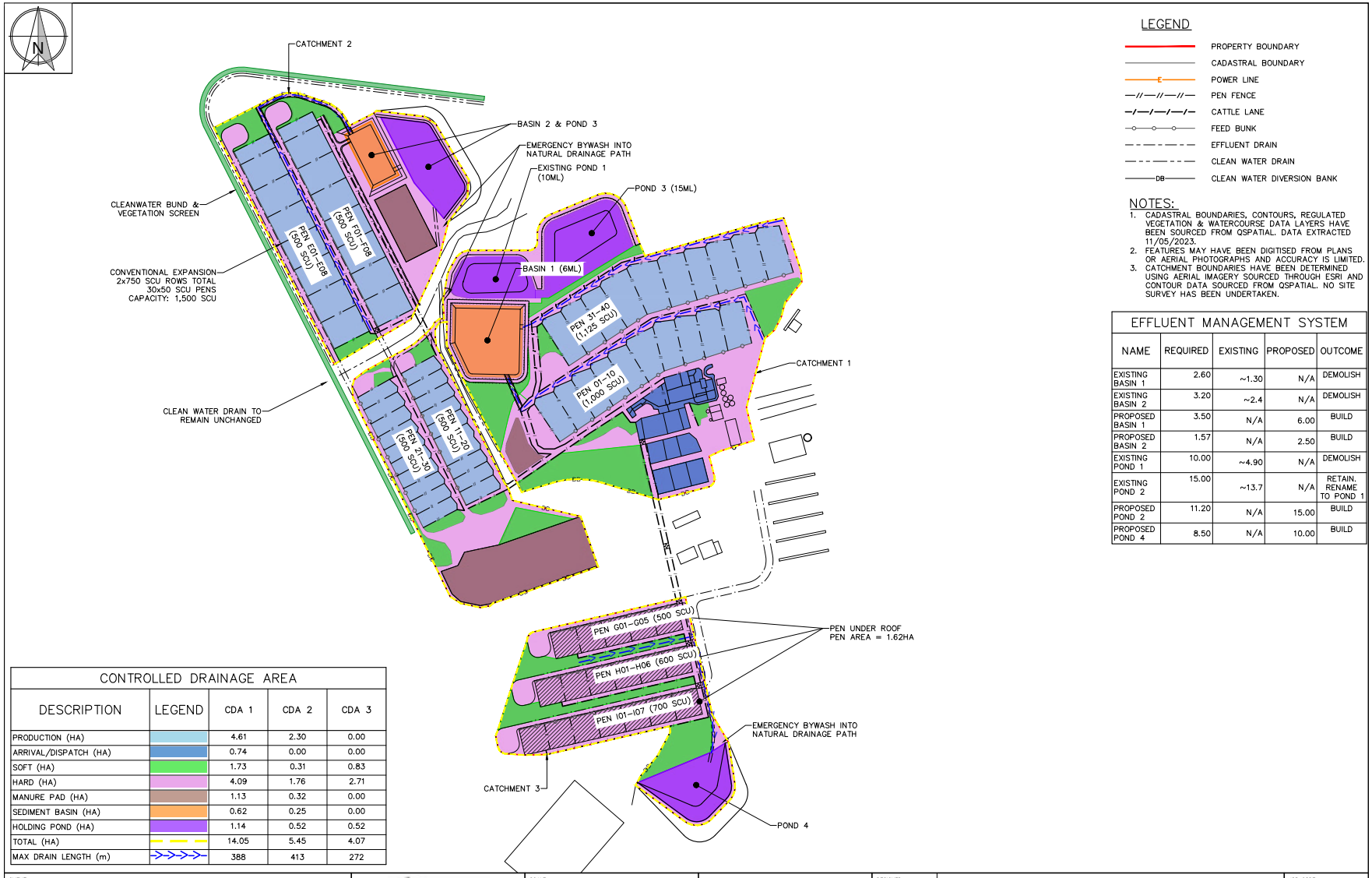
Enquiries regarding this Infrastructure Charges Notice should be directed to the SOUTH BURNETT REGIONAL COUNCIL, Department of Planning and Land Management, during office hours, Monday to Friday by phoning (07) 4189 9100 or email at info@southburnett.qld.gov.au


N
FEEDLOT SITE
PROPERTY ACCESS
OLD WONDAI ROAD
MEMERAMBI BARKERS CREEK ROAD
HERITAGE BARKERS CREEK ROAD
1RP157322
2RP157322
3RP157323
4RP157323
5RP157323
6RP157322
7RP157322
8RP157323
9RP157327
10RP157327
11RP157327
CHERBOURG SOUTH FOREST RESERVE
PROPERTY BOUNDARY
PROPERTY BOUNDARY
PROPERTY BOUNDARY
MCLENNAN ROAD
LEGEND
PROPERTY BOUNDARY
CADASTRAL BOUNDARY
CONTOUR EXISTING (10.0m INTERVAL)
MAPPED STREAM ORDER
REGULATED VEGETATION – CAT B
REGULATED VEGETATION – CAT C
REGULATED VEGETATION – CAT R
PEN FENCE
CATTLE LANE
FEED BUNK
EFFLUENT DRAIN
FEED ROAD
DB
CLEAN WATER DIVERSION BANK
VEGETATION SCREEN
EFFLUENT UTILISATION AREA (58ha)
NOTES:
1. AERIAL IMAGE SOURCED THROUGH ESRI MAPPING SERVICES. IMAGE DATE 06/10/2021.
2. CADASTRAL BOUNDARIES, CONTOURS, REGULATED VEGETATION & WATERCOURSE DATA LAYERS HAVE BEEN SOURCED FROM QSPATIAL. DATA EXTRACTED 11/05/2023.
3. FEATURES MAY HAVE BEEN DIGITISED FROM PLANS OR AERIAL PHOTOGRAPHS AND ACCURACY IS LIMITED.
4. THE EXISTING FEEDLOT HAS A CAPACITY OF 3,125 HEAD AT A STOCKING DENSITY OF 15.0m²/SCU.
5. CONVENTIONAL EXPANSION PENS (ROW E & F)
5.1. ALL RUNOFF FROM THE CONVENTIONAL EXPANSION WORKS WILL BE MANAGED IN A SEPARATE CATCHMENT WITH A DEDICATED SEDIMENTATION BASIN & EFFLUENT HOLDING POND.
5.2. THE REQUIRED SEDIMENTATION BASIN & EFFLUENT HOLDING POND CAPACITIES HAVE BEEN DETERMINED IN ACCORDANCE WITH THE QLD DAF FEEDLOT GUIDELINES. THE INPUT DATA USED FOR THE SPREADSHEET CALCULATIONS IS CONSISTENT WITH THE CATCHMENT DETAILS PROVIDED IN P005 – CATCHMENT PLAN (PAK–005).
6. COVERED EXPANSION PENS (ROW G, H & I)
6.1. ALL STORMWATER RUNOFF FROM THE ROOF AND BETWEEN THE SHEDS WILL BE DIRECTED INTO WATER STORAGE 2.
SITE EXPANSION:
1. STAGE 1 (CONVENTIONAL)
1.1. CAPACITY = 1,500 SCU
1.1. STOCKING DENSITY: = 15.0m²/SCU
1.2. BUNK SPACE = 340 mm/SCU
1.3. PENS 34.0m x 45.0m = 1,500 m²/PEN
1.4. INDIVIDUAL PEN CAPACITY = 100 SCU
1.5. PROPOSED PENS = 14 + 2 HALF PENS
2. STAGE 2 (COVERED)
2.1. CAPACITY: = 1,800 SCU
2.1. STOCKING DENSITY: = 9.0m²/SCU
2.2. BUNK SPACE = 300 mm/SCU
2.3. PENS 30.0m x 30.0m = 900 m²/PEN
2.4. INDIVIDUAL PEN CAPACITY = 100 SCU
2.5. PROPOSED PENS = 18
3. COMPLETE EXPANDED SITE
3.1. EXISTING: 3,125 @ 15.0m²/SCU
3.2. STAGE 1 1,500 @ 15.0m²/SCU
3.3. STAGE 2 1,800 @ 9.0m²/SCU
3.4. COMBINED 6,425 @ 13.3m2/SCU
CLIENT
PAKADERINGA FEEDLOT PTY LTD
PROJECT
PAKADERINGA FEEDLOT EXPANSION
LOCATION
1270 CORNDALE ROAD, NANANGO, QLD 4615
SHEET TITLE
PROPERTY PLAN (AERIAL IMAGERY)
AgDSA
AGRICULTURAL DEVELOPMENT SERVICES AUSTRALIA
PO BOX 292
TOOWOOMBA QLD 4350
PH: +61 473 171 957
E: contact@agdsa.com.au
SCALE
0 200 400 600m
SCALE 1:10,000 (A1) 1:20,000 (A3)
SIGNED
Pakaderinga Feedlot
DESIGNED
TJS
CHECKED
MRN
PROJECT MANAGER
MRN
FOR APPROVAL ONLY
DATE REV DESCRIPTION APP
11/04/2024 B RESPONSE TO RFI MRN
22/09/2023 A ORIGINAL ISSUE FOR APPROVAL ONLY MRN
REVISIONS
JOB CODE
PAK–001
SHEET NUMBER
A001
CURRENT REVISION
B


N
FEEDLOT SITE
PROPERTY ACCESS
MEMERAMBI BARKERS CREEK ROAD
OLD WONDAI ROAD
1RP157322
2RP157322
3RP157323
4RP157323
5RP157323
6RP157322
7RP157322
8RP157323
9RP157327
10RP157327
11RP157327
CHERBOURG SOUTH FOREST RESERVE
PROPERTY BOUNDARY
PROPERTY BOUNDARY
PROPERTY BOUNDARY
MCLENNAN ROAD
LEGEND
PROPERTY BOUNDARY
CADASTRAL BOUNDARY
MAPPED STREAM ORDER
REGULATED VEGETATION – CAT B
REGULATED VEGETATION – CAT C
REGULATED VEGETATION – CAT R
PEN FENCE
CATTLE LANE
FEED BUNK
EFFLUENT DRAIN
FEED ROAD
DB CLEAN WATER DIVERSION BANK
VEGETATION SCREEN
EFFLUENT UTILISATION AREA (58ha)
NOTES:
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6. COVERED EXPANSION PENS (ROW G, H & I)
6.1. ALL STORMWATER RUNOFF FROM THE ROOF AND BETWEEN THE SHEDS WILL BE DIRECTED INTO WATER STORAGE 2.
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2. STAGE 2 (COVERED)
2.1. CAPACITY: = 1,800 SCU
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3.3. STAGE 2 1,800 @ 9.0m²/SCU
3.4. COMBINED 6,425 @ 13.3m2/SCU
CLIENT
PAKADERINGA FEEDLOT PTY LTD
PROJECT
PAKADERINGA FEEDLOT EXPANSION
LOCATION
1270 CORNDALE ROAD, NANANGO, QLD 4615
SHEET TITLE
PROPERTY PLAN
AgDSA
AGRICULTURAL DEVELOPMENT SERVICES AUSTRALIA
PO BOX 292
TOOWOOMBA QLD 4350
PH: +61 473 171 957
E: contact@agdsa.com.au
SCALE
0 200 400 600m
SCALE 1:10,000 (A1) 1:20,000 (A3)
SIGNED
Pakaderinga Feedlot
DESIGNED TJS
CHECKED MRN
PROJECT MANAGER MRN
FOR APPROVAL ONLY
DATE REV DESCRIPTION
11/04/2024 B RESPONSE TO RFI MRN
22/09/2023 A ORIGINAL ISSUE FOR APPROVAL ONLY MRN
REVISIONS
JOB CODE
PAK–001
SHEET NUMBER
A002
CURRENT REVISION
B


N
MEMERAMBI–BARKERS CREEK ROAD
1,350m TO RECEPTOR 1
CLEANWATER BUND & VEGETATION SCREEN
CONVENTIONAL EXPANSION 2x750 SCU ROWS TOTAL 30x50 SCU PENS CAPACITY: 1,500 SCU
CLEAN WATER DRAIN TO REMAIN UNCHANGED
EXISTING CATCHMENT TO REMAIN UNCHANGED
EMERGENCY BYWASH INTO NATURAL DRAINAGE PATH
SITE ACCESS
15.0ML
10.0ML
6.0ML
PEN 31–40 (1,125 SCU)
PEN 01–10 (1,000 SCU)
PEN 11–20 (500 SCU)
PEN 21–30 (500 SCU)
MANURE PAD
1RP157322
STORMWATER RUNOFF DRAIN
EMERGENCY BYWASH INTO NATURAL DRAINAGE PATH
CLEANWATER DRAIN TO WATER STORAGE 2
STORM WATER POND
COVERED EXPANSION TOTAL 18x100 SCU PENS CAPACITY: 1,800 SCU
WATER STORAGE 1
MASS BURIAL SITE
LEGEND
PROPERTY BOUNDARY
CADASTRAL BOUNDARY
CONTOUR EXISTING (10.0m INTERVAL)
MAPPED STREAM ORDER
REGULATED VEGETATION – CAT B
REGULATED VEGETATION – CAT R
POWER LINE
COVERED PENS
PEN FENCE
CATTLE LANE
FEED BUNK
EFFLUENT DRAIN
FEED ROAD
CLEAN WATER DIVERSION BANK
VEGETATION SCREEN
NOTES:
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1.5. PROPOSED PENS = 14 + 2 HALF PENS
2. STAGE 2 (COVERED)
2.1. CAPACITY: = 1,800 SCU
2.1. STOCKING DENSITY: = 9.0m²/SCU
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3.3. STAGE 2 1,800 @ 9.0m²/SCU
3.4. COMBINED 6,425 @ 13.3m2/SCU
CLIENT PAKADERINGA FEEDLOT PTY LTD
PROJECT PAKADERINGA FEEDLOT EXPANSION
LOCATION 1270 CORNDALE ROAD, NANANGO, QLD 4615
SHEET TITLE CONCEPT PLAN
AgDSA AGRICULTURAL DEVELOPMENT SERVICES AUSTRALIA
PO BOX 292 TOOWOOMBA QLD 4350 PH: +61 473 171 957 E: contact@agdsa.com.au
SCALE 0 40 80 120m
SCALE 1:2,000 (A1) 1:4,000 (A3)
SIGNED
Pakaderinga Feedlot
DESIGNED TJS
CHECKED MRN
PROJECT MANAGER MRN
FOR APPROVAL ONLY
11/04/2024 B RESPONSE TO RFI MRN
22/09/2023 A ORIGINAL ISSUE FOR APPROVAL ONLY MRN
DATE REV DESCRIPTION APP
REVISIONS
JOB CODE PAK–001
SHEET NUMBER A003
CURRENT REVISION B


N
MEMERAMBI–BARKERS CREEK ROAD
1,350m TO RECEPTOR 1
CLEANWATER BUND & VEGETATION SCREEN
CONVENTIONAL EXPANSION 2x750 SCU ROWS TOTAL 30x50 SCU PENS CAPACITY: 1,500 SCU
CLEAN WATER DRAIN TO REMAIN UNCHANGED
EXISTING CATCHMENT TO REMAIN UNCHANGED
EMERGENCY BYWASH INTO NATURAL DRAINAGE PATH
15.0ML
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PEN 31–40 (1,125 SCU)
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MANURE PAD
1RP157322
SITE ACCESS
STORMWATER RUNOFF DRAIN
EMERGENCY BYWASH INTO NATURAL DRAINAGE PATH
STORM WATER POND
CLEANWATER DRAIN TO WATER STORAGE 2
COVERED EXPANSION TOTAL 18x100 SCU PENS CAPACITY: 1,800 SCU
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MASS BURIAL SITE
LEGEND
PROPERTY BOUNDARY
CADASTRAL BOUNDARY
MAPPED STREAM ORDER
REGULATED VEGETATION – CAT B
REGULATED VEGETATION – CAT R
POWER LINE
COVERED PENS
PEN FENCE
CATTLE LANE
FEED BUNK
EFFLUENT DRAIN
FEED ROAD
CLEAN WATER DIVERSION BANK
VEGETATION SCREEN
STAGE 1 BOUNDARY
STAGE 2 BOUNDARY
NOTES:
1. AERIAL IMAGE SOURCED THROUGH ESRI MAPPING SERVICES. IMAGE DATE 06/10/2021.
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1.5. PROPOSED PENS = 14 + 2 HALF PENS
2. STAGE 2 (COVERED)
2.1. CAPACITY: = 1,800 SCU
2.1. STOCKING DENSITY: = 9.0m²/SCU
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2.4. INDIVIDUAL PEN CAPACITY = 100 SCU
2.5. PROPOSED PENS = 18
3. COMPLETE EXPANDED SITE
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3.2. STAGE 1 1,500 @ 15.0m²/SCU
3.3. STAGE 2 1,800 @ 9.0m²/SCU
3.4. COMBINED 6,425 @ 13.3m2/SCU
CLIENT PAKADERINGA FEEDLOT PTY LTD
PROJECT PAKADERINGA FEEDLOT EXPANSION
LOCATION 1270 CORNDALE ROAD, NANANGO, QLD 4615
SHEET TITLE DESIGN PLAN
AgDSA AGRICULTURAL DEVELOPMENT SERVICES AUSTRALIA
PO BOX 292 TOOWOOMBA QLD 4350 PH: +61 473 171 957 E: contact@agdsa.com.au
SCALE 0 40 80 120m SCALE 1:2,000 (A1) 1:4,000 (A3)
SIGNED
Pakaderinga Feedlot
DESIGNED TJS
CHECKED MRN
PROJECT MANAGER MRN
FOR APPROVAL ONLY
DATE REV DESCRIPTION APP
11/04/2024 C RESPONSE TO RFI MRN
08/01/2024 B REISSUE WITH STAGE BOUNDARIES MRN
22/09/2023 A ORIGINAL ISSUE FOR APPROVAL ONLY MRN
REVISIONS
JOB CODE PAK–001
SHEET NUMBER A004
CURRENT REVISION C



EFFLUENT MANAGEMENT SYSTEM

NAME	REQUIRED	EXISTING	PROPOSED	OUTCOME
EXISTING BASIN 1	2.60	~1.30	N/A	DEMOLISH
EXISTING BASIN 2	3.20	~2.4	N/A	DEMOLISH
PROPOSED BASIN 1	3.50	N/A	6.00	BUILD
PROPOSED BASIN 2	1.57	N/A	2.50	BUILD
EXISTING POND 1	10.00	~4.90	N/A	DEMOLISH
EXISTING POND 2	15.00	~13.7	N/A	RETAIN. RENAME TO POND 1
PROPOSED POND 2	11.20	N/A	15.00	BUILD
PROPOSED POND 4	8.50	N/A	10.00	BUILD

CONTROLLED DRAINAGE AREA

DESCRIPTION	LEGEND	CDA 1	CDA 2	CDA 3
PRODUCTION (HA)		4.61	2.30	0.00
ARRIVAL/DISPATCH (HA)		0.74	0.00	0.00
SOFT (HA)		1.73	0.31	0.83
HARD (HA)		4.09	1.76	2.71
MANURE PAD (HA)		1.13	0.32	0.00
SEDIMENT BASIN (HA)		0.62	0.25	0.00
HOLDING POND (HA)		1.14	0.52	0.52
TOTAL (HA)		14.05	5.45	4.07
MAX DRAIN LENGTH (m)		388	413	272

CLIENT: PAKADERINGA FEEDLOT PTY LTD
PROJECT: PAKADERINGA FEEDLOT EXPANSION
LOCATION: 1270 CORNDALE ROAD, NANANGO, QLD 4615
SHEET TITLE: CONTROLLED DRAINAGE AREA

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SCALE: 0 40 80 120m
SCALE 1:2,000 (A1) 1:4,000 (A3)
SIGNED

Pakaderinga Feedlot

DESIGNED: TJS
CHECKED: MRN
PROJECT MANAGER: MRN

FOR APPROVAL ONLY

DATE	REV	DESCRIPTION	APP
11/04/2024	B	RESPONSE TO RFI	MRN
22/09/2023	A	ORIGINAL ISSUE FOR APPROVAL ONLY	MRN

REVISIONS

JOB CODE: PAK–001
SHEET NUMBER: A005
CURRENT REVISION: B



TRAFFIC IMPACT ASSESSMENT

Pakaderinga Feedlot Development

Traffic Engineering Report

Client Pakaderinga Feedlot Q Pty Ltd
Project Number 23E-0291

REPORT CONTROL SHEET

Report Details	
Report Title:	Traffic Impact Assessment – Pakaderinga Feedlot – Memerambi Barkers Creek Road | Wattle Camp
Project No.:	23E-0291
Site:	1270 Memerambi Barkers Creek Road, Wattle Camp QLD 4615
Author:	Michael Silva

Document Control					
Revision	**Author**	**Reviewer**	**Approved for Issue**		
			Name	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted] NER, CPEng, RPEQ: 15158	25 / 10 / 2023

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The conclusions in this report should not be read in isolation. We recommend that its contents be reviewed in person with the author so that the assumptions and available information can be discussed in detail to enable the reader to make their own risk assessment in conjunction with information from other sources.

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1. Introduction

RMA Engineers has been engaged by Pakaderinga Feedlot Q Pty Ltd to undertake a Traffic Impact Assessment (TIA) for the development expansion of an existing feedlot located at 1270 Memerambi Barkers Creek Road, Wattle Camp (the subject site). The site, referred to as 'Pakaderinga', is identified as Lot 1 RP157322 with Lots 2-8 RP157322/3 also included. The feedlot is located within the South Burnett Regional Council (SBRC) area.

The feedlot is proposed to increase capacity from a current maximum of 3,125 standard cattle units (SCU) to 6,425 SCU (i.e. approximately double). The proposed development will be staged and has been designed to allow for future expansion.

This report has been prepared in support of the development application for the proposed material change of use to be lodged with SBRC, including referral to the State Assessment and Referral Agency (SARA).

This assessment has been undertaken in general accordance with the road transport related requirements identified in the DTMR *Guide to Traffic Impact Assessment* (GTIA) (2018) and the SBRC Planning Scheme.

1.1 Report objectives and scope

The purpose of this Traffic Impact Assessment (TIA) is to document an investigation of traffic and transport impacts of the proposed development on the surrounding road network. The assessment considers the following:

- Estimation of traffic generated by the development and distribution on the surrounding road network.
- Review of potential operational impacts at the key intersections with the proposed development influence at the year of completion.
- Review of key intersection layouts and turn warrants.
- Assessment of sight distance at the proposed access intersection in accordance with Australian Standards.
- Safety considerations, review of historical crash data and commentary on required mitigation measures.
- Pavement impacts of the proposed development on the external road network.

Where required, this report makes recommendations for the mitigation of development impacts.

1.2 Reference material

In preparing this report, reference has been made to the following:

- Austroads *Design Vehicles and Turning Path Templates Guide - 2013*
- Austroads Guide to Road Design, Part 4a: *Unsignalised and Signalised Intersections* (2021)
- Austroads Guide to Traffic Engineering Practice Part 5: *Intersections at Grade* (2005)
- Austroads Guide to Traffic Management Part 12: *Traffic Impacts of Developments* (2019)
- Austroads Guide to Traffic Management Part 6*: Intersections, Interchanges & Crossing*s (2017)
- DTMR *Guidelines for Traffic Impact Assessment* (GTIA) (2018)
- DTMR *Road Planning and Design Manual* (RPDM) (2021)
- SBRC *Planning Scheme* (2017)

2. Proposed development

2.1 Location and descriptions

The subject site, referred to as 'Pakaderinga', is situated on Lot 1 RP157322 and Lots 2-8 RP157322/3. Pakaderinga is accessed along Memerambi Barkers Creek Road, approximately halfway between the Bunya Highway (west) and the Burnett Highway (east). The development is located within the SBRC local government area, approximately 12km east of Memerambi and 14.5km north-west of the Kingaroy town centre.

The total area of Lots 1-8 is 515ha and is surrounded by grazing, cropping, and nature conservation land uses as per the SBRC Planning Scheme. The property currently consists of a 3,125 SCU feedlot mostly confined to Lot 1 (refer to **Figure 2-2** for lot layout).

The site and its environs are illustrated on the locality plans in **Figure 2-1**.

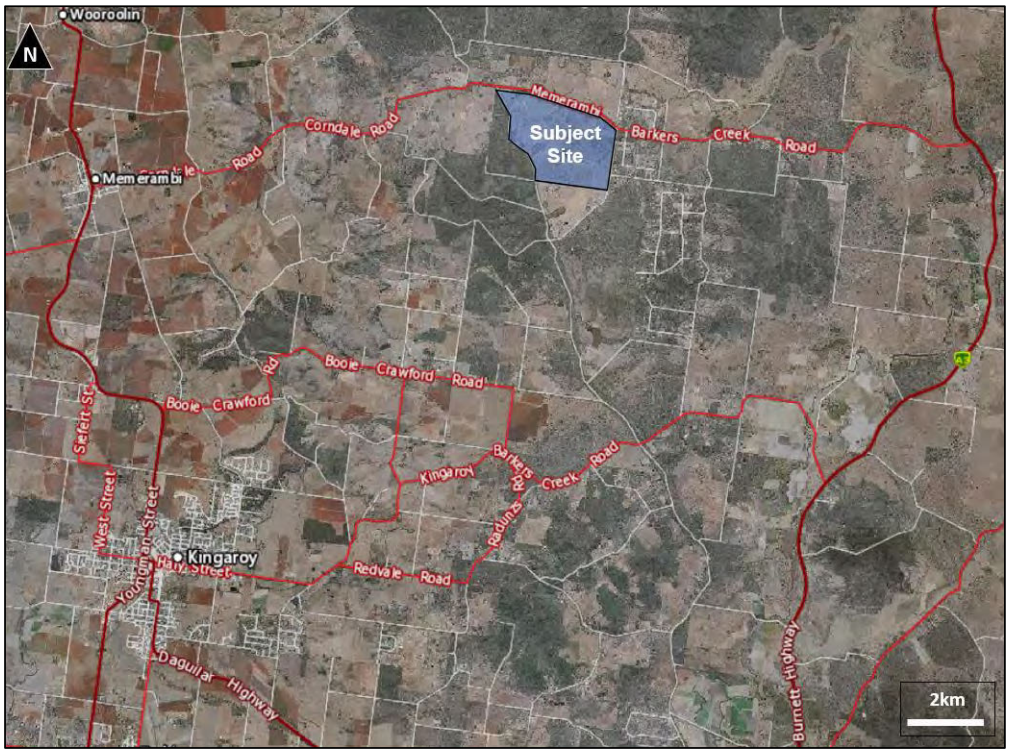


Figure 2-1 Locality plan

2.2 Development details

The proposed development includes a maximum increase of 3,300 standard cattle units (SCU) on the existing 3,125 SCU operation. The development will be formally staged as detailed in **Table 2-1**. It is noted that the market type will not remain the same for each stage. Stages 3 and 4 are expected to be operational in 2024 and 2030, respectively.

Table 2-1: Development yield

	Stage 1	Stage 2	Stage 3	Stage 4	Ultimate total
Description	Existing	Existing	Expansion Stage 1	Expansion Stage 2	Ultimate
SCU	1,800	1,325	1,500	1,800	6,425
Percentage of full capacity	28%	21%	23%	28%	100%

The proposed pen locations associated with each stage are shown in **Figure 2-2** and **Figure 2-3**, and detailed at **Appendix A**.

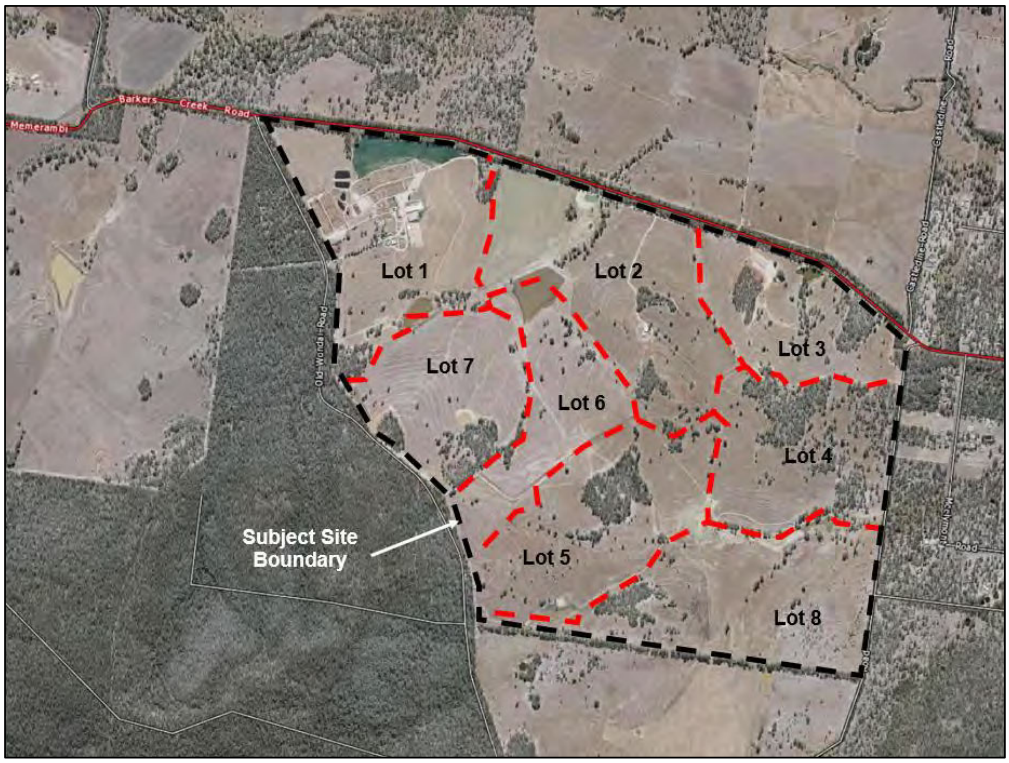


Figure 2-2 Subject site and lot boundaries

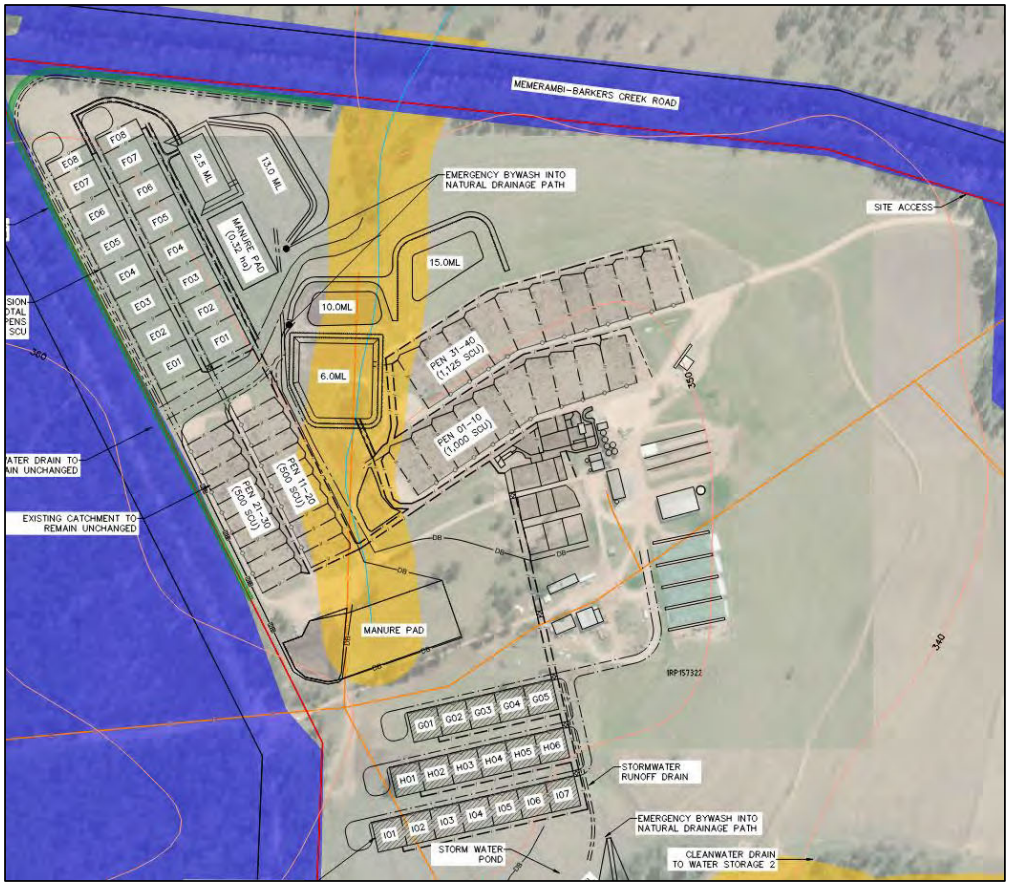


Figure 2-3 Proposed development plan and pen locations

The development has two access locations along Memerambi Barkers Creek Road (one is a direct access and the other is via Old Wondai Road). The main access is located on the north-eastern corner of Lot 1 and will be used for the majority of traffic moments associated with the site. The secondary site access is located approximately 1km west via Old Wondai Road and is used as an ad-hoc emergency/secondary access.

It is anticipated that these accesses will continue as the sites only access locations. The developments site access configurations are discussed further in **Section 8.0**.

2.3 Operational details

As per the existing operation of the feedlot, the expansion will restrict operations, work, and heavy vehicle movements to only occur between the hours of 6am and 6pm (or similar). However, general tasks due to welfare requirements can be required 24 hours a day, 7 days a week. Heavy vehicle movements outside of the aforementioned daylight hours are unlikely.

Cattle and deliveries for the feedlot are via the Bunya Highway in the west, typically by B-Double vehicles (i.e. 26m long).

The average entry weight of cattle is approximately 400kg. As previously mentioned, the feedlot will cater for a variety of cattle markets. Depending on the use, cattle will remain on feed for either 70, 100 or 350 days. The average exit weight of cattle is between 500-650kg for stages 1 and 2, which will be increased to 750kg for Stages 3 and 4. Exiting cattle will be transported by B-Double

vehicles to the south via Memerambi Barkers Creek Road and the Bunya Highway (through Kingaroy). The occupancy of the feedlot depends on market demands and has been estimated at 80% based on experience and current operations. At times, occupancy may be lesser or greater than this estimation.

Five full time equivalent staff are currently employed to oversee the operations of the site. It is expected that the number of staff will increase to 10 full time equivalent staff at the ultimate scenario.

Occasional servicing contractors and visitors also attend the site to provide upkeep and maintenance of the site operations. The traffic generated for this use is ad-hoc and respectively low and can be planned to occur during off-peak times.

The majority of the manure produced by the proposed development will be transported to the site south towards Kingaroy.

2.4 Expected traffic movements and design vehicles

The proposed operational activities on site will generate minimal vehicle movements on the external road network. Details regarding the vehicle movements associated with the development are provided below.

AgDSA has provided a Beef Feedlot Feed, Manure & Traffic Calculator for the Pakaderinga Feedlot based upon the 2019 Meat & Livestock Australia (MLA) “Fit to Load” manual. Shown in **Appendix B**, the AgDSA traffic generation report details the breakdown of developmental traffic for each stage.

2.4.1 Staff

The site has a caretaker’s residence which supports three staff. However, for conservativeness, it is assumed that all staff live off-site within the local area (i.e. Memerambi or Kingaroy). The number of staff vehicle movements anticipated on the external road network will be associated with the staff that commute via Memerambi Barkers Creek Road in the west. The traffic generation associated with these commuter staff trips is expected to be 8 trips each morning and afternoon for the ultimate scenario. This is detailed in **Table 2-2**.

Table 2-2: Anticipated daily development vehicle movements (staff)

Stage	Staff	Expected Am/Pm peak (cumulative)
Stage 1 (Existing)	5	3
Stage 2 (Existing)	5	3
Stage 3	7	5
Stage 4	10	8

The staff numbers shown in **Table 2-2** are supplied from the client and are estimated from existing operations.

The staff travelling to and from the site will arrive shortly before their shift and leave the site when their shift ends in the evening. All commuter staff are situated in the Memerambi and Kingaroy areas to the south-west. The staff will travel to and from the site in private (light) vehicles.

2.4.2 Deliveries and collections

The deliveries to and from the site are expected to involve the operational activities and associated vehicle movements described below.

Cattle

The tables in **Appendix B** illustrate the calculation steps of the number of annual vehicle trips associated with the expected cattle numbers for each stage of the development. The calculations consider the duration that the cattle are in the feedlot, the mortality rate, and the number of cattle heads per vehicle type (taking into account the weight differentials between incoming and outgoing cattle). The operation for the incoming and outgoing cattle is as follows:

- Cattle delivery (incoming cattle): B-Doubles will deliver cattle to the site. The vehicles will all travel from the west via Memerambi Barkers Creek Road. These deliveries are expected to occur at any given time and day between 6am to 6pm from Monday to Sunday. The delivery can be staggered and arranged so that they do not coincide with any other deliveries or collections occurring on the site. The vehicles will enter the site fully loaded and leave the site unloaded (empty). Empty cattle trucks will travel to the west via Memerambi Barkers Creek Road.
- Cattle collection (outgoing cattle): B-Double vehicles will collect cattle from the site. The majority of B-Doubles will travel to and from the south-west towards Kingaroy via the Bunya Highway and Memerambi Barkers Creek Road, with a small proportion coming from the north. These collections are expected to occur at any given time and day between 6am to 6pm from Monday to Sunday. The collections can be staggered and arranged so that they do not coincide with any other deliveries or collections occurring on the site. The vehicles will enter the site unloaded (empty) and leave the site fully loaded.

Table 2-3 summarises the existing vehicle movements associated with cattle. **Table 2-4** summarises the expected cattle vehicle movements associated with the proposed development.

Grain and feedstuffs

The feed for the cattle is a mix of ingredients consisting of grain, roughage, and supplements. For conservativeness, it is assumed all the feedstuffs are delivered to the site (whereas some of the feed such as grain, silage and/or hay can be grown onsite).

The tables in **Appendix B** illustrate the calculation steps of the number of annual vehicle trips associated with the different types of feedstuffs expected for ultimate development. The calculations consider the tonnes of feed per SCU, the breakdown percentage of the mix and the B-Double vehicle capacity for each feedstuff. It should be noted that the hay/straw is governed by the size/volumetric loading rather than weight. The operation for the feed delivery is as follows:

- Feed delivery: B-Doubles will deliver feed to the site. The heavy vehicles will enter the site from the west via Memerambi Barkers Creek Road. The majority of heavy vehicles accessing the site will originate from the south (i.e. via Kingaroy). These deliveries are expected to occur on any given time and day between 6am to 6pm from Monday to Sunday. All exiting heavy vehicles will travel west along Memerambi Barkers Creek Road. The delivery can be staggered and arranged so that it doesn't coincide with any other deliveries or collections occurring on the site. The majority of heavy vehicles exiting the site will travel towards the south (i.e. via Kingaroy). The vehicles will enter the site fully loaded and leave the site unloaded (empty).

Table 2-3 summarises the existing vehicle movements associated with the grain and feedstuffs.

Table 2-4 summarises the expected vehicle movements associated with the grain and feedstuffs.

Manure

Manure is collected from the feedlot and exported off-site. The tables in **Appendix B** detail the calculation of the manure produced and how many vehicle trips are required per annum. To ensure a conservative assessment, it has been assumed that all manure will be exported from the site.

The manure collection is as follows:

- Manure collection: B-Double vehicles will collect manure from the site. The heavy vehicles will enter the site from the west via Memerambi Barkers Creek Road. The majority of heavy vehicles accessing the site will originate from the south (i.e. via Kingaroy). These collections are expected to occur at any given time and day between 6am to 6pm, 7 days a week. The collections can be staggered and arranged so that they don't coincide with any other deliveries or collections occurring on the site, or to occur outside staff movements. All exiting heavy vehicles will travel west along Memerambi Barkers Creek Road. The majority of heavy vehicles exiting the site will travel towards the south (i.e. via Kingaroy). The vehicles will enter the site unloaded (empty) and leave the site fully loaded.

Table 2-3 summarises the existing vehicle movements associated with the manure. **Table 2-4** summarises the expected vehicle movements associated with the manure.

Servicing and visitors

The proposed development is expected to have other ad-hoc trips associated with servicing (such as maintenance, contractors and small deliveries), as well as visitors. On average, these volumes are expected to be relatively low and will occur so that they don't coincide with any other deliveries.

Table 2-3: Existing vehicle movements (deliveries and collections) – Existing development Stages 1 & 2

Stage	Trip type	Vehicle type	Origin	Destination	Timing	No. loads per year	No. vehicle movements (i.e. in/ out)	Estimated annual traffic generation (no. movements)	Estimated weekly traffic generation (no. movements)	Estimated daily traffic generation (no. movements)
Stage 1 (Existing)	Staff	B99 Light Vehicles	100% South	100% South	6am to 6pm (Mon-Sun)	-	2	2,190	42	6
	Incoming cattle	B-Double	10% North 90% South	10% North 90% South		108	2	216	6	2[1]
	Outgoing cattle					134	2	268	6	2[1]
	Grain and feedstuffs					330	2	660	14	2
	Manure					23	2	46	2	2[1]
							Total	**3,380**	**70**	**14 (10[2])**
Stage 2 (Existing)	Staff	B99 Light Vehicles	100% South	100% South	6am to 6pm (Mon-Sun)	-	2	0	0	0
	Incoming cattle	B-Double	10% North 90% South	10% North 90% South		51	2	102	2	2[1]
	Outgoing cattle					79	2	158	4	2[1]
	Grain and feedstuffs					207	2	414	8	2
	Manure					17	2	34	2	2[1]
							Total	**708**	**16**	**8 (4[2])**
Stage 1 + 2							**Total existing**	**4,088**	**86**	**22 (14[2])**

[1] When the minimum estimated daily traffic generation (no. movements) is estimated to be less than 1 per day, a conservative estimate of 2 is adopted.

[2] By rounding all the low daily trip types to a minimum of 2 trips per day is considered to be conservative and a maximum daily demand. Some of these trips may not be undertaken on the same day and therefore a more realistic outcome is determined by spreading the total trips evenly over the weekly period. This even spread of trips result in a realistic estimated daily traffic generation (no. movements) total. This total is displayed in the brackets and would be more reflective of the actual trip demands per day.

Table 2-4: Anticipated development vehicle movements (deliveries and collections) – Proposed development Stages 3 & 4

Stage	Trip type	Vehicle type	Origin	Destination	Timing	No. loads per year	No. vehicle movements (i.e. in/ out)	Estimated annual traffic generation (no. movements)	Estimated weekly traffic generation (no. movements)	Estimated daily traffic generation (no. movements)
Stage 3	Staff	B99 Light Vehicles	100% South	100% South	6am to 6pm (Mon-Sun)	-	2	1,460	28	4
	Incoming cattle	B-Double	10% North 90% South	10% North 90% South		15	2	30	2	2[1]
	Outgoing cattle					29	2	58	2	2[1]
	Grain and feedstuffs					219	2	438	10	2
	Manure					19	2	38	2	2[1]
							Total	**2,024**	**44**	**12 (6[2])**
Stage 4	Staff	B99 Light Vehicles	100% South	100% South	6am to 6pm (Mon-Sun)	-	2	2,190	42	6
	Incoming cattle	B-Double	10% North 90% South	10% North 90% South		18	2	36	2	2[1]
	Outgoing cattle					34	2	68	2	2[1]
	Grain and feedstuffs					263	2	526	12	2
	Manure					23	2	46	2	2[1]
							Total	**2,866**	**60**	**14 (8[2])**
Stage 3 + 4							**Total proposed**	**4,890**	**104**	**26 (14[2])**

[1] When the minimum estimated daily traffic generation (no. movements) is estimated to be less than 1 per day, a conservative estimate of 2 is adopted.

[2] By rounding all the low daily trip types to a minimum of 2 trips per day is considered to be conservative and a maximum daily demand. Some of these trips may not be undertaken on the same day and therefore a more realistic outcome is determined by spreading the total trips evenly over the weekly period. This even spread of trips result in a realistic estimated daily traffic generation (no. movements) total. This total is displayed in the brackets and would be more reflective of the actual trip demands per day.

From **Table 2-3** and **Table 2-4** it is identified that the ultimate development will generate low daily traffic volumes, totalling an average of 6 heavy vehicles (12 movements) and 8 light vehicles (16 movements) per day. This equates to a total of approximately 28 vehicle trips per day. The maximum number of trips per peak hour is expected to be 8 trips at the start and end of staff shifts.

3. Existing transport environment

The key roads and intersections relevant to the site are discussed in the following sections.

3.1 Key roads

3.1.1 Bunya Highway

The Bunya (45B) is a State-controlled Road (SCR) under the jurisdiction of the DTMR. The road runs predominantly north-south and extends from Murgon 26km north of the site to Kingaroy 10km south of the site.

In the vicinity of the site, the Bunya Highway has the following characteristics (refer to **Figure 3-1**):

- Two-way, two lane, undivided configuration
- Sealed pavement width of approximately 9m with centre line marking
- Lane width of approximately 3.5m
- Shoulder width of approximately 3.0m
- Road reserve width of approximately 20m
- Posted signed speed limit of 100km/h (60km/h within the Memerambi township)
- Daily traffic volumes of approximately 4,258 vehicles per day (2020 DTMR AADT data)



Figure 3-1: Bunya Highway looking north away from Memerambi Barkers Creek Road

3.1.2 Memerambi Barkers Creek Road (Corndale Road)

Memerambi Barkers Creek Road is a council-controlled road running east-west from the Burnett Highway until it transforms into King Street approximately 750m from the Bunya Highway. It is classified as a local road under the jurisdiction of SBRC.

In the vicinity of the site, Memerambi Barkers Creek Road has the following characteristics (refer to **Figure 3-2**):

- Two-way undivided configuration
- Carriageway width of approximately 5m within the unsealed sections and approximately 6.5m for the sealed sections
- A combination of unsealed gravel pavement and sealed sections along the road length
- Unsigned rural default speed limit of 100km/h
- Road reserve width of approximately 20m



Figure 3-2: Memerambi Barkers Creek Road looking east at site entrance

3.1.3 King Street

King Street is a council-controlled road running through the township of Memerambi. King Street extends from the Bunya Highway in the west until it transforms into Corndale Road (Memerambi Barkers Creek Road) in the east. It is classified as a local road under the jurisdiction of SBRC.

In the vicinity of the site, King Street has the following characteristics (refer to **Figure 3-3**):

- Two-way undivided configuration
- Carriageway width of approximately 6m
- Road reserve width of approximately 20m
- Posted speed limit of 50km/h



Figure 3-3: King Street looking east

3.2 Key intersections

The Memerambi Barkers Creek Road / Site Access intersection and the King Street / Bunya Highway intersection are identified as the only two key intersections for this assessment.

It is noted that there are other intersections further from the site that may be utilised by development traffic, however, due to the location and expected distribution of development traffic, the Memerambi Barkers Creek Road / Site Access intersection and the King Street / Bunya Highway intersection are the only intersections where the expected impact of the development is considered of significance (i.e. development traffic being more than five per cent of the background traffic).

3.2.1 Memerambi Barkers Creek Road / Site Access intersection

The intersection of Memerambi Barkers Creek Road and the Site Access consists of a priority-controlled T-intersection located approximately 1km east of the sites north-western boundary. At this location, both the site access and Memerambi Barkers Creek Road are unsealed. The intersection allows all turning movements and does not have any dedicated turning lanes. **Figure 3-4** illustrates the geometry of the intersection.



Figure 3-4: Memerambi Barkers Creek Road / Site Access

3.2.2 Bunya Highway / King Street intersection

The intersection of the Bunya Highway and King Street consists of a priority-controlled T-intersection located approximately 11.5km west of the site access. The intersection allows for all turning movements and does not have any dedicated turning lanes. King Street has 'Give Way' signage and associated line marking to reinforce the priorities at the intersection. **Figure 3-5** shows the geometry of the intersection.



Figure 3-5: Bunya Highway / King Street (Memerambi Barkers Creek Road) source from Queensland Globe

3.3 Crash data

DTMR crash data was reviewed for the previous five years from 1 January 2018 to 31 December 2022 (the most recent available period). Data was obtained from Queensland Globe (transportation – road crash locations). Findings indicate that there are no recorded crashes in the vicinity of the site (1km radius from site access intersection) or at the key intersections.

A fatal crash was recorded along Memerambi Barkers Creek Road approximately 3.2km east of the subject site in 2020 (refer **Table 3-1**).

Table 3-1 Road crash data

Road/ intersection	Location	Year	Severity	Nature	Road and atmospheric condition	Lighting condition	DCA code	DCA description
Memerambi Barkers Creek Road	3.2km East of Site Access	2020	Fatal	Fall from vehicle	Sealed-dry, clear	Daylight	900	Pass & Misc: Other

From the above, no adverse safety issues, crash patterns or mitigation measures could be determined from the crash data review.

4. Traffic operation

4.1 Existing traffic volumes

Traffic data was obtained from DTMR and SBRC to assess the impact of the development on the external road network.

In the absence of intersection turning volume data, directional midblock traffic volumes were utilised for each peak hour.

4.1.1 Memerambi Barkers Creek Road background traffic volumes

Midblock traffic count data was obtained from SBRC for five locations along Memerambi Barkers Creek Road (Corndale Road) which were undertaken between 2015 and 2020. Additional AADT volumes along the Bunya Highway (Site 30031) and the Burnett Highway (Site 20537) were obtained from Queensland Globe. The peak hour volumes along the state-controlled roads were estimated using the Department of Main Roads: Road Planning and Design Manual (Table 5.2). **Table 4-1** below details the sites that have been utilised as part of this investigation.

Table 4-1 Traffic count data

Road	ID	Description	Year	Peak Hour Volume	
				Eastbound	Westbound
Corndale Road	1	Corndale Road – 200m west Klass and Townes Road	2018	11	13
	2	Narrow Section 150m West RAD623 3883	2020	10	11
Memerambi Barkers Creek Road	3	Memerambi Barkers Creek Riad 100m west of Old Wondai Road	2015	8	8
Bunya Highway	Site 30031	Nanango to Goomeri – at Stockyard Creek	2021	323[1]	323[1]

[1] Estimated from Department of Main Roads: Road Planning and Design Manual 30HH% for Rural Arterial

Figure 4-1 shows the location of the traffic census sites in relation to the subject site.



Figure 4-1: Traffic survey location sites

The traffic count surveys are included at **Appendix C**.

4.1.2 Growth rate

From review of the midblock annual average daily traffic (AADT) data for the Bunya Highway Site 20031, obtained from Queensland Globe (transportation – traffic census data), indicated 0.7% compound growth over the latest 5-year period of available data.

Therefore, a compound growth rate of 1.0% per annum has been adopted for the assessment.

4.1.3 Peak hours

From the count data, it was identified that the external road network does not have distinct peak periods as vehicles are spread equally across the daytime (between 9am and 4pm). Development generated peak volumes are expected to be outside these times when the background volumes are low. Conversely, during the 9am-4pm background peaks, development traffic is expected to be low (approximately 1 vehicle per hour) – refer to **Table 2-4**. Therefore, for the purpose of the intersection operational analysis, the worst-case background demand during the hour of 12pm-1pm has been aligned with the peak hour operation of the site at beginning and end of staff shifts. This will result in the highest volume demands at the key intersection.

4.1.4 Anticipated background volumes

The estimated 2030 background traffic on the external road network is illustrated on **Figure 4-2**. These volumes have been derived from the abovementioned traffic count data and growth assumptions, and correspond with the anticipated ultimate opening year of the development (i.e. when Stage 4 is fully operational). The background traffic also includes the existing development traffic volumes (for the operational Stages 1 and 2).

It is noted that the traffic survey data provided is for mid-block of the key roads and does not include turning movement volumes. Therefore, to provide a conservative assessment, a nominal 16 vehicles per hour have been adopted for each of the turning movements at the intersection. This is based on the midblock volumes of Memerambi Barkers Creek Road and through onsite observations, increased to the 2030 ultimate opening year.

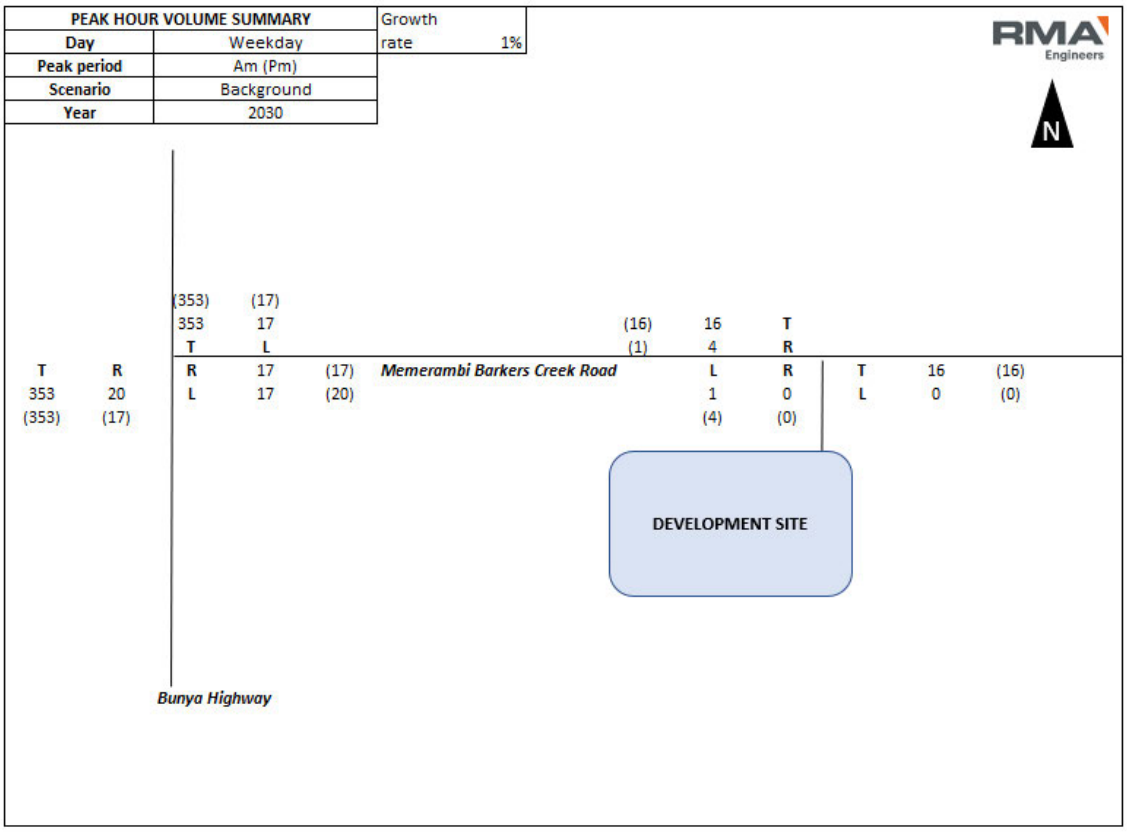


Figure 4-2: 2030 estimated traffic volumes

4.2 Development traffic volumes

From the operational details (refer to **Section 2.4**), the estimated worst case peak hours (6am-7am and 6pm-7pm) occur at the start and end of staff shifts when staff enter and exit the site. It is reasonable to assume that as well as the staff, a heavy vehicle may also enter and/or exit the site during this time. The anticipated development volumes for the ultimate development scenario (Stages 3 and 4) are shown in **Figure 4-3** and detailed at **Appendix D**.

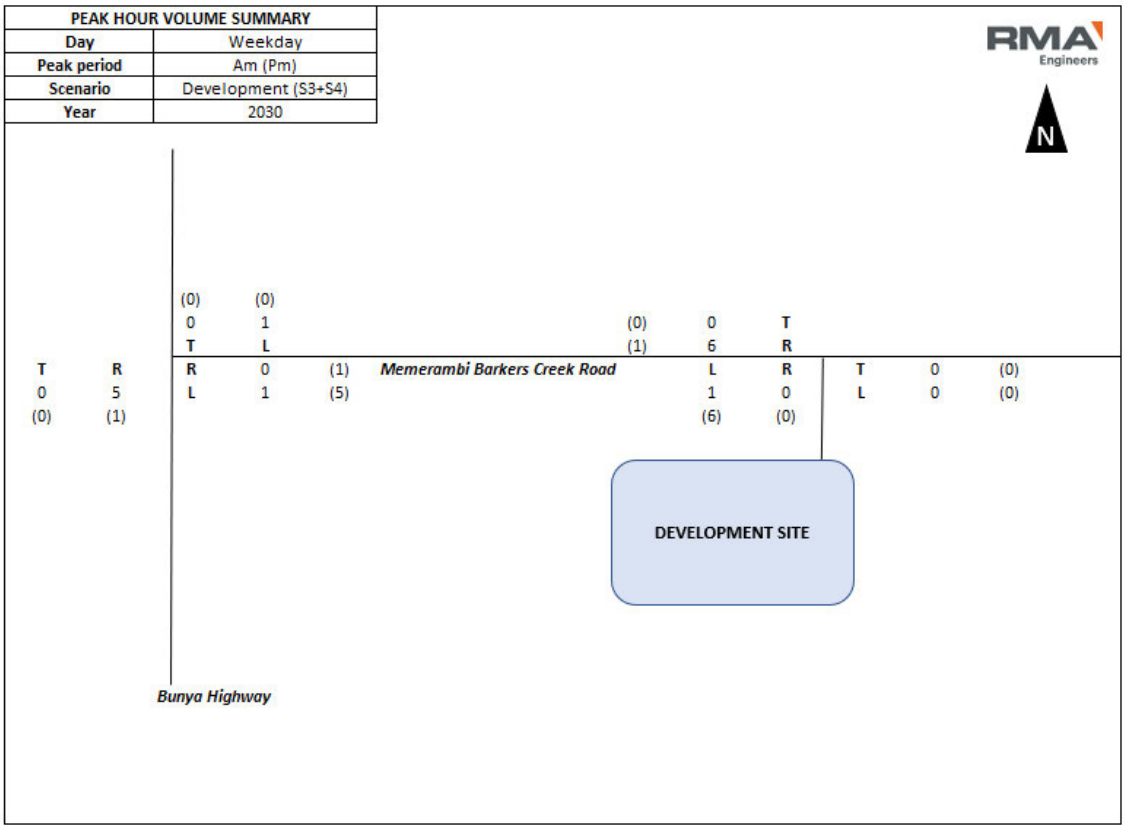


Figure 4-3: Proposed stages 3&4 (ultimate) development traffic volumes

The 'Background with development traffic' volumes for the corresponding 2030 opening year (for the ultimate development scenario) are illustrated in **Figure 4-4**.

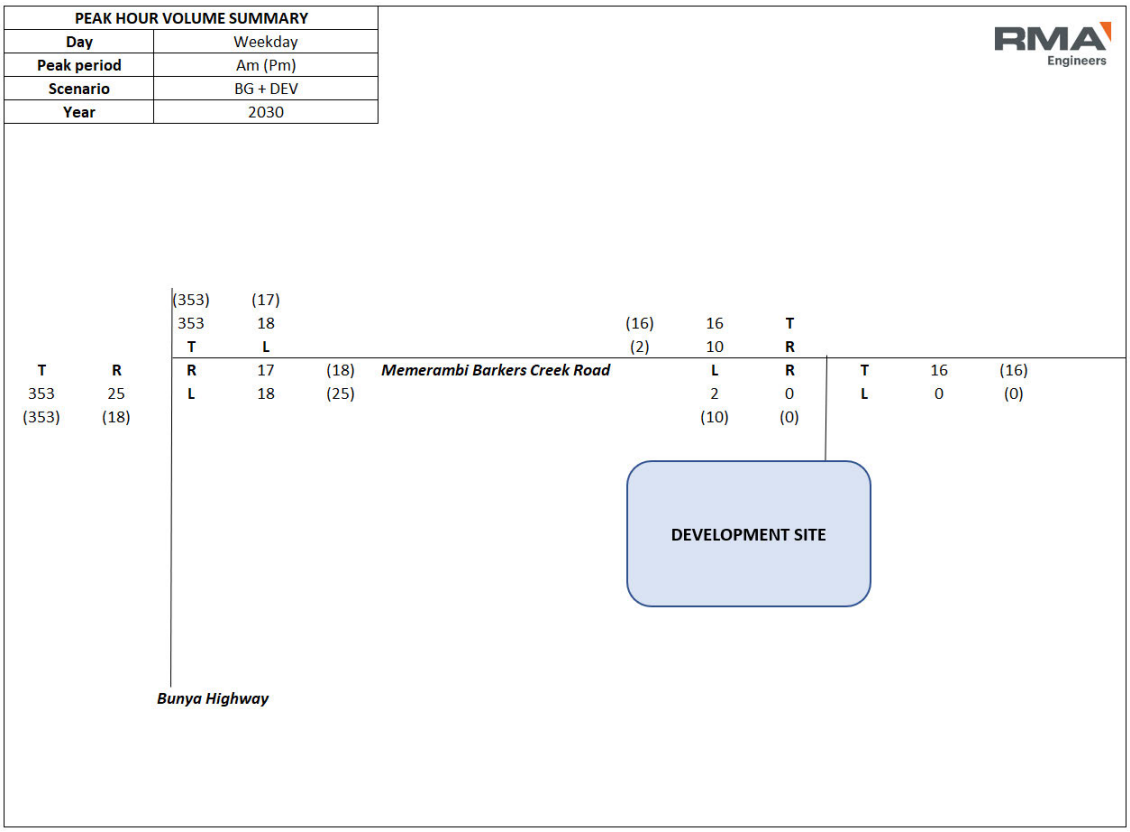


Figure 4-4: 2030 Background with development (ultimate) peak hour traffic volumes

5. Development traffic impact on external road network

The DTMR *Road Planning and Design Manual* Chapter 13.5.4 provides information relating to the maximum traffic volume combinations for uninterrupted traffic flow conditions. These combinations are shown on **Table 5-1** below and provide guidance for unsignalised intersections carrying light crossing and turning volumes. Where the volumes are less than that illustrated in **Table 5-1**, it is considered unnecessary to flare intersection approaches or carry out an intersection analysis.

Table 5-1: Intersection capacity – uninterrupted flow conditions

Major road type[1]	Major road flow (vph)[2]	Minor road flow (vph)[3]
Two-lane	400	250
	500	200
	650	100

1. *Major road is through i.e. has priority*
2. *Major road design volumes include through and turning movements*
3. *Minor road design volumes include through and turning volumes*

The anticipated major road (Bunya Highway) background with development traffic volumes detailed in **Figure 4-4** exceed the hourly volume combinations shown in **Table 5-1** by approximately 50 vehicles per hour in 2030. This indicates that intersection analysis is deemed warranted for the key intersection.

Given the key intersection is expected to operate outside of its maximum uninterrupted flow conditions in the ultimate 2030 background and development scenario, a SIDRA analysis has been undertaken with consideration of turning movement provision and associated potential delays to illustrate the operational impact.

5.1 Bunya Highway / Memerambi Barkers Creek Road SIDRA analysis

The key intersection of Bunya Highway / Memerambi Barkers Creek Road has been assessed using SIDRA 9.0 intersection analysis program. This program calculates the operational performance of intersections based on input parameters such as geometry and traffic volumes. Output values that have been recorded include the degree of saturation (DOS), queues and delays. The DOS is a commonly used value, which is principally a volume to capacity ratio.

The typical desired standards of service (DSS) values for DOS and intersection performance are summarised in **Table 5-2**.

The typical values as recommended by Austroads *Guide to Traffic Management – Part 12* and the DSS specified in the Planning Scheme are summarised. The SIDRA intersection analysis outputs were compared to the typical DOS values, for a conservative assessment. A DOS exceeding these values indicates that the intersection is exceeding its practical capacity and users of the intersection are likely to experience unsatisfactory queuing and delays.

Table 5-2 DSS for intersections

Intersection type	Typical maximum DOS	TRC Planning Scheme
Signalised intersection	90% (0.90)	95% (0.95)
Roundabout	85% (0.85)	95% (0.95)
Unsignalised intersections	80% (0.80)	80% (0.80)

The Bunya Highway / Memerambi Barkers Creek Road (King Street) layout as modelled in SIDRA is shown in **Figure 5-1**.

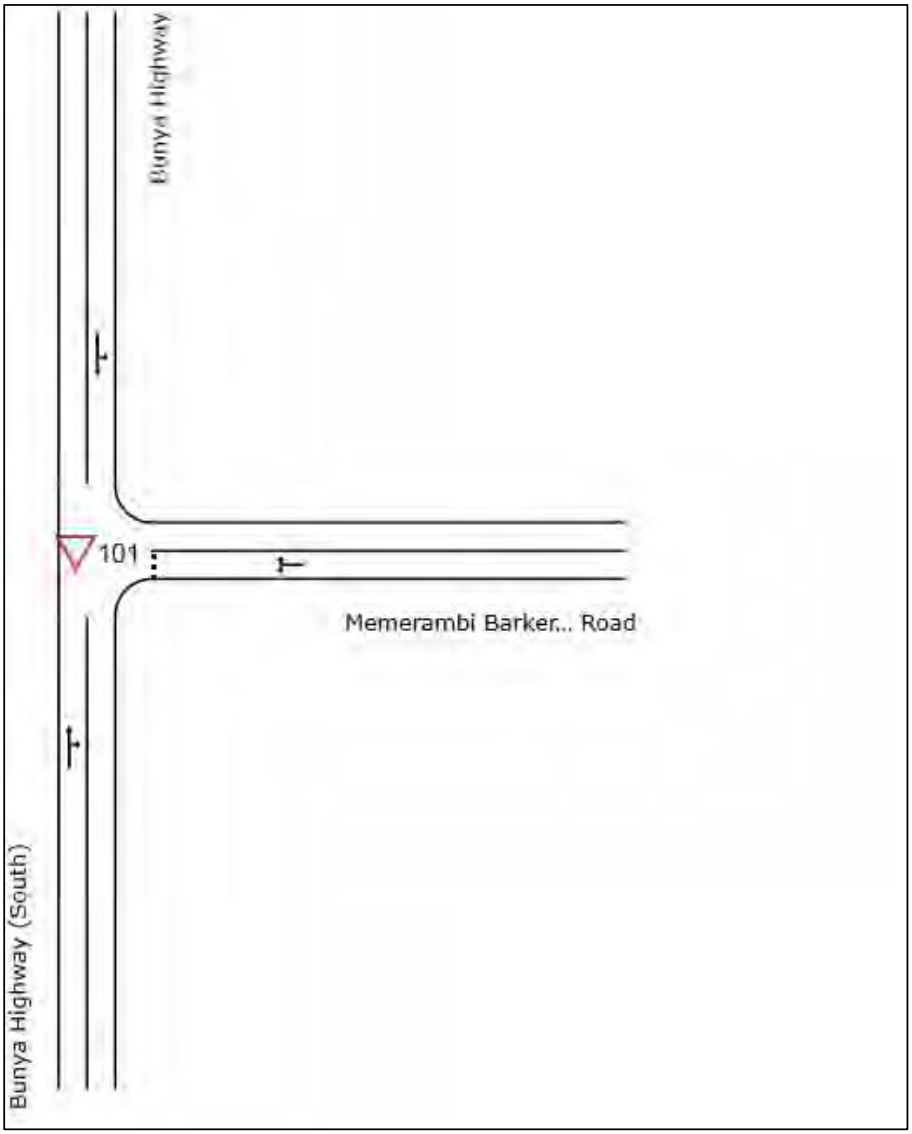


Figure 5-1: Bunya Highway / Memerambi Barkers Creek Road intersection SIDRA layout

Table 5-3 summarises the SIDRA results for the AM and PM peak hours for 2030 'background' and 'background with development' traffic scenarios.

The models have been run with a 20% heavy vehicle rate (based on DTMR traffic census data). Detailed outputs are provided in **Appendix E.**

Table 5-3 Bunya Highway / Memerambi Barkers Creek Road intersection SIDRA summary

Year	Scenario	Peak	Demand flow (vph)	SIDRA output			
				Degree of saturation	Avg. delay (s)	Max. delay (s)	95%ile queue (m)
2030	Background	AM	818	0.237	0.9	11.7	2.2
	Background with Development traffic		825	0.242	1.0	11.8	2.8
	Background	PM	818	0.233	0.9	11.7	1.9
	Background with Development traffic		825	0.234	1.0	11.7	2.0

The SIDRA models shows that the intersection operates within performance standards for the 2030 ultimate scenario. Average delays for the intersection are estimated to be 1.0 seconds in both the AM and PM ultimate design scenario, an increase of 0.1 seconds on the estimated 2030 background scenarios. No individual movements exceed the 42-second delay threshold described in the GTIA.

From the above, the development impact on this intersection does not cause any adverse operational issues. The intersection operates well within performance thresholds and therefore, no mitigation of operational impacts or upgrades are required for this intersection.

6. Safety considerations

6.1 Turn warrant assessment

Turn warrants are used to identify the need to provide separate turning provisions from a functionality and safety perspective. The warrants are essentially the relationship between the turning volumes versus the major road traffic volumes.

In accordance with Austroads, turn warrants are based on the construction of new roads (i.e. greenfield sites) and is also used as a reference for intervention levels for updating existing intersection turn treatments. Turn warrant assessment is usually undertaken at these intersections to determine if protected turning lanes (i.e. channelisation) are required from a safety perspective.

Given the key intersection is considered a brownfield site with minimal traffic volumes and existing constraints (such as a culvert headwall within close proximity to the Bunya Highway northbound travel lane), a turn warrant assessment has been undertaken using the extended design domain (EDD) criteria.

The EDD warrants for turn treatments are detailed in the *Supplement to Austroads Guide to Road Design Part 4A: Unsignalised and Signalised Intersections* (RPDM) published by DTMR and include consideration of simple left (SL) and simple right (SR) turning movement provision.

Figures 6-1 and **6-2** summarise the left and right turn warrant treatments required at the key Bunya Highway and Memerambi Barkers Creek Road intersection (using a design speed of 70km/h) with respect to the 2030 background traffic scenario and the background with development scenario. AM peak scenarios are provided previously at **Figure 4-2** and **Figure 4-4**. Detailed turn warrant calculations are shown at **Appendix F**.

It should be noted that the PM peak hour was not assessed as the AM peak hour is the critical peak for turning movements into Memerambi Barkers Creek Road.

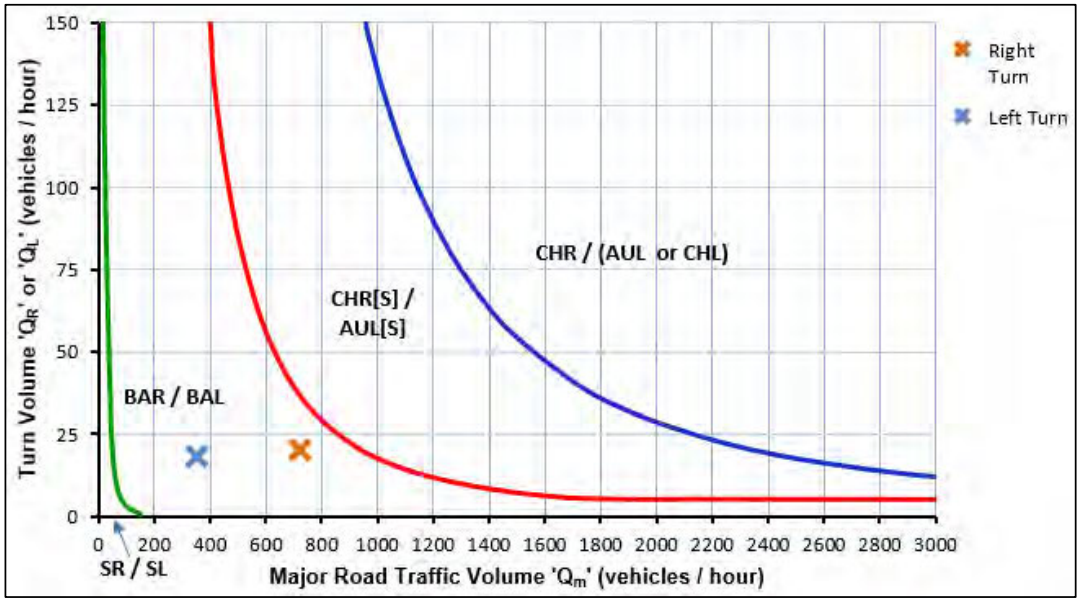


Figure 6-1: Bunya Highway / Memerambi Barkers Creek Road 2030 background turn warrant graph

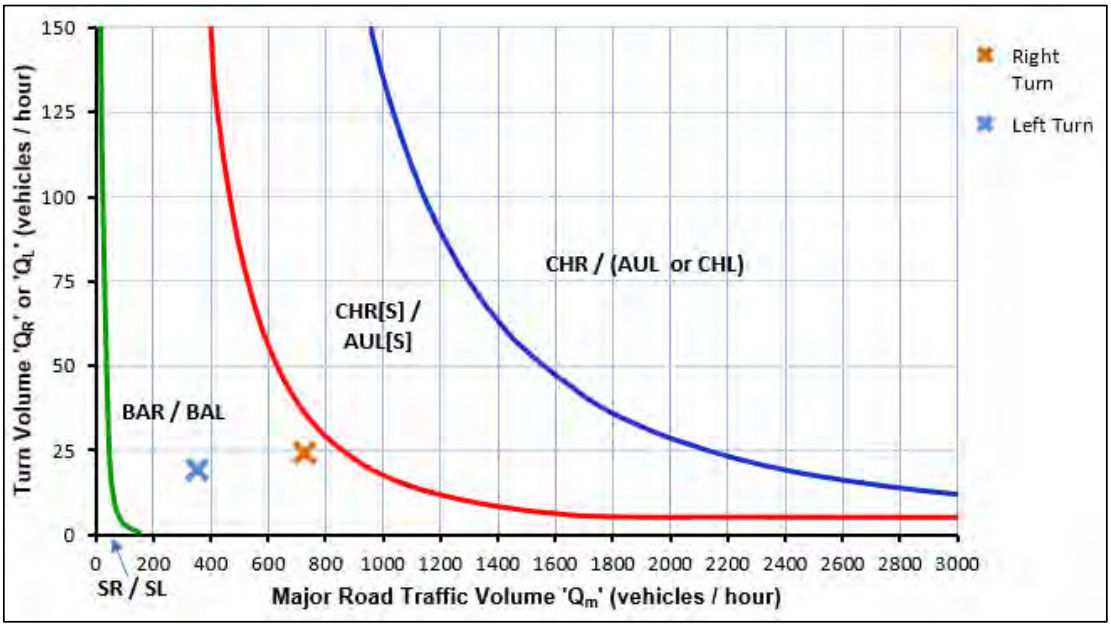


Figure 6-2: Bunya Highway / Memerambi Barkers Creek Road intersection 2030 background + development turn warrant graph

Table 6-1 summarises the right and left turn warrant treatments required at the key Bunya Highway / Memerambi Barkers Creek Road intersection (using a design speed of 70km/h).

Table 6-1: Bunya Highway / Memerambi Barkers Creek Road intersection turn warrant summary – 2030 Ultimate development

Scenario	Peak	2030 Background with Development Traffic	
		Left turn*	Right turn
2030 Background	AM peak	BAL	BAR
		BAL	BAR
2030 Background + Development	AM Peak	BAL	BAR
		BAL	BAR

From the assessment, and as illustrated in **Table 6-1**, the left turning movements at the Bunya Highway / Memerambi Barkers Creek Road intersection trigger the need for basic left turn treatment (BAL) for both the 2030 background and the background with development scenarios. Therefore, the additional development volumes in the ultimate stage do not significantly impact the existing operation of the intersection. Similarly, a basic right turn treatment (BAR) is triggered for both the 2030 'background' and 'background with development' scenarios.

The development impact on this intersection does not cause any adverse operational or safety issues. The BAL and BAR treatments are triggered in the background scenarios regardless of the proposed development, and the development does not cause the requirement for additional turning treatments or channelisation.

It is noted that the Bunya Highway / Memerambi Barkers Creek Road intersection has existing shoulders which vehicles are using as BAL and BAR treatments (refer to **Figure 6-3** and **Figure 6-4**).



Figure 6-3: Bunya Highway / Memerambi Barkers Creek Road intersection existing BAR provision



Figure 6-4: Bunya Highway / Memerambi Barkers Creek Road intersection existing BAL provision

Therefore, from the above, no upgrades are required for this intersection.

6.2 Sight distance assessment

Sight distance has been reviewed for the Bunya Highway / Memerambi Barkers Creek Road intersection. The review was completed to confirm applicable sight distance requirements in accordance with Austroads requirements.

Table 6-2 summarises the variables used for this calculation.

Table 6-2 : Variables adopted for sight distance assessment

Variable symbol	Description	Value adopted for assessment		Unit of measure
		Truck	Car	
DT	Decision time (s) = observation time (3 s) + reaction time (s)	5	5	seconds
V	Operating (85th percentile) speed	70	70	km/hr
d	Coefficient of deceleration for cars / trucks *(Guide to Road Design – Part 3: Geometric Design (Austroads 2016))*	0.29	0.362	
a	Longitudinal grade in % (in direction of travel: positive for uphill grade, negative for downhill grade)	0	0	%
R_T	perception/reaction time *(Guide to Road Design – Part 3: Geometric Design (Austroads 2016))*	2.0	2.0	seconds
SISD	$SISD = \frac{D_T \times V}{3.6} + \frac{V^2}{254 \times (d + 0.01 \times a)}$ (Equation 2 *Guide to Road Design - Part 4a*)			

The outcomes of this review are summarised in **Table 6-3**. Available SISD has been estimated based on online mapping and site photos.

Table 6-3: Austroads sight distance requirements

Intersection	Approach leg	Vehicle type	Direction	Available SISD (m)	Required SISD (m)	Compliance
Bunya Highway / Memerambi Barkers Creek Road	Bunya Highway	Car	North	>350m	151	Compliant
			South	>350m	151	Compliant
		Truck	North	>350m	164	Compliant
			South	>350m	164	Compliant

The review indicates that the sight distance available at the key Bunya Highway / Memerambi Barkers Creek Road intersection is satisfactory and meets the minimum SISD requirements for both the north-east and south-west directions.

6.3 Suitability of the surrounding road network

As outlined in **Section 2.3** and **Section 2.4**, the predominant route for heavy vehicles and staff travelling to/from the site is via the western section of Memerambi Barkers Creek Road. It is noted that the Pakaderinga Feedlot has an existing B-Double permit along Memerambi Barkers Creek Road.

The majority of Memerambi Barkers Creek Road is sealed, with several small sections of unsealed areas. The road width is typically 5 - 6.5 m with varying widths of formal and informal shoulder provisions. Given that the mutual sight distance along Memerambi Barkers Creek Road is generally sufficient, the existing road width is deemed adequate with the option for vehicles to utilise the shoulders if required. Aerial imagery shows that in recent years curves and sharp corners have been realigned and widened for greater road safety.

From the above and given that no current issues with larger vehicles using the road have been identified (i.e. no near misses), the formation and alignment is considered suitable for the proposed development and no high risk safety deficiencies have been identified.

6.4 Risk assessment

A risk assessment examining the increase in turning movements at the relevant Bunya Highway / Memerambi Barkers Creek Road intersection has been considered as per the GTIA process. The safety risk score matrix as extracted from the GTIA is shown in **Figure 6-5**.

		Potential consequence				
		Property only (1)	Minor injury (2)	Medical treatment (3)	Hospitalisation (4)	Fatality (5)
Potential likelihood	Almost certain (5)	M	M	H	H	H
	Likely (4)	M	M	M	H	H
	Moderate (3)	L	M	M	M	H
	Unlikely (2)	L	L	M	M	M
	Rare (1)	L	L	L	M	M

Figure 6-5: Safety risk score matrix (GTIA)

The risk items examined (refer to **Table 6-4**) consider the potential to increase crashes and the safety deficiencies on the road network.

Table 6-4: Risk assessment item/s

Risk item	Without development			With development			With development and mitigation			
	Likelihood	Consequence	Risk score	Likelihood	Consequence	Risk score	Mitigation measures	Likelihood	Consequence	Risk score
Risk of angle or rear end crash due to increase in traffic movements to/from Memerambi Barkers Creek Road.	1	4	M	2	4	M	No action as the proposed development does not increase the current risk score.	2	4	M
Non-frangible trees close to the carriageway	1	4	M	1.5	4	M	No action as the proposed development does not increase the current risk score.	1.5	4	M

As shown, there is no change in the risk scores due to the addition of development traffic, and no high risks are identified.

From the above, no adverse safety issues were identified relating to the proposed development, and no mitigation measures are required by the development.

6.5 Swept path assessment

A swept path assessment was undertaken for the largest design vehicle (26m long B-Double) that will be utilising the Memerambi Barkers Creek Road / Site Access intersection. The high-level desktop review of the design vehicle entering and exiting the site are shown in **Figure 6-6** and **Figure 6-7** below and demonstrate that the intersection configurations and geometry is suitable.

Note that the intersection configuration and road extents are estimated from aerial imagery and on-site measurements (not surveys). A site visit measured the cattle grid to be 3.4m wide which the heavy vehicle can manoeuvre through.

Aerial imagery proved difficult to accurately determine the exact road extents due to the unsealed configuration and extensive tree canopy. However, Stage 1 and Stage 2 currently operate under B-Double permits and access the site without any noted issues.



Figure 6-6: Swept path assessment (26m B-Double) – Right into Site Access from Memerambi Barkers Creek Road



Figure 6-7: Swept path assessment (26m B-Double) – Left out of Site Access onto Memerambi Barkers Creek Road

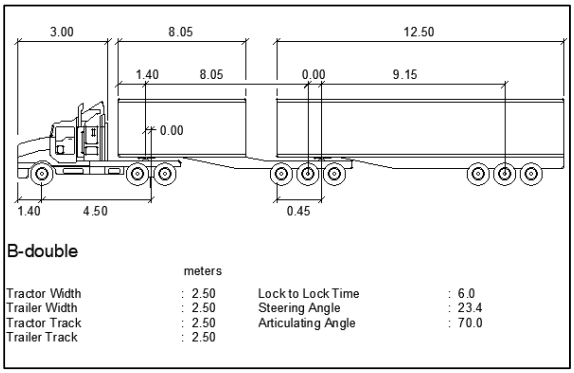


Figure 6-6: 26m B-Double design vehicle

Although no issues have been noted with regards to existing vehicles utilising the site access, if required the 3.4 m wide access gate can be widened to provide an additional buffer for heavy vehicle turning movements. This can be investigated further and assessed during the future detailed design (operational works) stage of the development when detailed site survey is available.

7. Pavement Impact Assessment

The Guide to Traffic Impact Assessment (GTIA) indicates that a Pavement Impact Assessment (PIA) is required for developments increasing the heavy vehicle traffic on state-controlled roads (SCR), in order to ensure that there is no worsening on the pavement's condition.

The proposed development will increase the number of heavy vehicles on the external road network by an average of approximately 2 vehicles per day. This increase is minimal and is expected to have a negligible impact on the external road pavement. To further prove this, the GTIA PIA method was undertaken for the increase in development heavy vehicle traffic on the Bunya Highway.

The background SAR4s (ESAs) were calculated utilising the heavy vehicle weekly volume reports provided by the Department of Transport and Main Roads. Using the GTIA methodology, background SAR4s on the Bunya Highway in the vicinity of the subject site were calculated, as shown in **Table 7-1**. The estimated daily number of background SAR4's along the Bunya Highway in the vicinity of the subject site is 329,620 in both the northbound and southbound directions for 2030.

Table 7-1: Bunya Highway background SAR4s/ESAs

Road Name	Year	Direction	HV AADT	SAR per HV	Directionality	SAR per year
Bunya Highway	2030	Northbound	283	3.2	50%	329,620
		Southbound	283		50%	329,620

This assessment has considered the ultimate 2030 development scenario (Stage 3 and 4) on the Bunya Highway as shown in **Table 7-2**, using the below assumptions:

- Traffic distribution split at Bunya Highway / Memerambi Barkers Creek Road Intersection
  - North (to/from Wondai) = 10%
  - South (to/from Kingaroy) = 90%
- Incoming Cattle: B-Doubles (total trips per annum)
  - Incoming SARs = 6.3
  - Outgoing SARs = 0.53
- Outgoing Cattle: B-Doubles
  - Incoming SARs = 0.53
  - Outgoing SARs = 6.3
- Feed and Grain stuff: B-Doubles
  - Incoming SARs = 6.3
  - Outgoing SARs = 0.53
- Manure: B-Doubles
  - Incoming SARs = 0.53
  - Outgoing SARs = 6.3

The PIA calculations are shown in **Appendix G**.

Table 7-2: Bunya Highway developmental SARs impact

Road Name	Road Section	Direction	Background SARs per year	Development SARs per year	% increase
Bunya Highway	North of Memerambi Barkers Creek Road	Northbound	329,620	93	0.03%
		Southbound	329,620	330	0.10%
	South of Memerambi Barkers Creek Road	Northbound	329,620	2,970	0.90%
		Southbound	329,620	841	0.26%

Table 7-2 shows that the heavy vehicle impact relating to the operation of the proposed development is not expected to have an adverse impact on the external road network pavement. This is because the nett increase of SAR4s related to the development is less than 5.0% of the existing background SAR4s on the network.

Therefore, given the low number of development heavy vehicle movements (approximately 2 vehicles per day increase), with the consideration of the existing low background traffic volumes, it can be determined that the development will not have any adverse pavement impacts on the Bunya Highway and surrounding road network.

It is anticipated that the proposed development will also have a negligible impact on the Council owned Memerambi Barkers Creek Road (similar to the above outcome) due to the minimal increase in heavy vehicle movements.

8. Internal site layout review

A high-level review of the proposed site layout has been undertaken to determine if there are any safety concerns associated with the operation of the site.

8.1 Sight distance

Sight distance at the Memerambi Barkers Creek Road / Site Access intersection has been estimated using site visit, site photos and online imagery. This section of road has an unposted speed limit of 100 km/h. However, it is unlikely that vehicles will reach this speed within the vicinity of the site given the unformed configuration of the road. Traffic data received from SBRC details that at the count site 1km east of the site access, the average vehicle speed is approximately 55 km/h. Therefore, a conservative design speed of 70 km/h has been adopted. It is expected that vehicle traffic travelling from the west through the intersection will be infrequent.

The outcomes of this review are summarised in **Table 8-1**. Available SISD has been estimated based on online mapping and site photos.

Table 8-1: Memerambi Barkers Creek Road / Site Access sight distance

Intersection	Approach leg	Vehicle type	Section	Available SISD (m)	Required SISD (m)	Compliance
Memerambi Barkers Creek Road / Site Access	Memerambi Barkers Creek Road	Car	East of access	Approx 200m	151	Compliant
			West of access	Approx 175m	151	Compliant
		Truck	East of access	Approx. 200m	164	Compliant
			West of access	Approx 175m	164	Compliant

The review indicates that the sight distance available at the site access location is satisfactory and meets the minimum SISD requirements.

8.2 Site Access swept paths

A swept path assessment for the largest design vehicle (26m long B-Double) that may be utilising the Memerambi barkers Creek Road / Site Access intersection are detailed in **Section 6.4.** The swept path assessments are shown in **Figure 6-4** and **Figure 6-5** demonstrate that the intersection configurations and geometry is suitable for the design vehicle movements.

8.3 Internal access road type and formation

The internal access road is approximately 8 m wide. This existing configuration of the internal access road currently caters for B-Doubles and is therefore considered sufficient for the ultimate development. The internal access roads unformed configuration is deemed appropriate given the use of the site, relatively low vehicle volumes, continued use of B-Double vehicles, and also the frequency of the entering and exiting vehicles.

Online imagery shows that there is ample internal area and space to provide for heavy vehicle manoeuvring.

8.4 Internal informal parking

The South Burnett Regional Council Planning Scheme Development Codes outline the minimum number of car parking spaces required for developments described as of 'animal keeping' use. The number of required parking spaces as per the SBRC Planning Scheme are shown below on **Table 8-2**.

Table 8-2: SBRC Parking Scheme parking rate

Use	SBRC Minimum Car Parking Rate	Number of Staff	Average number of cattle (head) in feedlot (Ultimate Stages 1-4)	Required Spaces
Animal keeping	1 space per employee and 1 space per 30 animals	10	5,762	202

Given the number of parked vehicles on-site at any one time is only expected to be 8 (for staff) and 2 (for ad-hoc visitors and maintenance), the provision of 202 spaces per the SBRC Planning Scheme is deemed excessive for the site and for feedlots in general. Therefore, it is reasonable that the required number of parking spaces be amended to reflect 10 spaces to cater for the expected staff and visitor/maintenance vehicles that will park on-site. Given the large area of the site, it is understood that the informal parking areas can be increased if necessary, and therefore the required parking demands (for both staff and visitors) can be achieved.

The parking area should be constructed to a standard of gravel hardstand.

Further considerations of the internal layout of the proposed development will be undertaken in the detailed design stage.

9. Summary and recommendations

RMA Engineers has been engaged by Pakaderinga Feedlot Q Pty Ltd to undertake a Traffic Impact Assessment (TIA) in support of a development application for the proposed feedlot development located at 1270 Memerambi Barkers Creek Road, Wattle Camp (the subject site). The site is identified as Lot 1 RP157322 with Lots 2-8 RP157322/3 also included and situated within the South Burnett Regional Council (SBRC) area.

This TIA report documents an investigation of traffic and transport impacts of the proposed development on the external road network in general accordance with the road transport related requirements identified in the DTMR Guide to Traffic Impact Assessment (GTIA) (2017).

The following is a summary of the findings and recommendations of the TIA:

Operational impacts

- The ultimate development will generate low daily traffic volumes, totalling an average of 6 heavy vehicles (12 movements) and 8 light vehicles (16 movements) per day. This equates to a total of approximately 28 vehicle trips per day.
- The maximum number of trips per peak hour is expected to be 8 trips at the start and end of staff shifts.
- SIDRA analysis results indicate that the key Bunya Highway / Memerambi Barkers Creek Road intersection operates well within performance thresholds and therefore, no mitigation of operational impacts or upgrades are required for this intersection.

Safety impacts

- A turn warrant assessment indicates that the key Bunya Highway / Memerambi Barkers Creek Road intersection triggers BAR and BAL treatments. These treatments are triggered in the background scenarios regardless of the proposed development, and the development does not cause the requirement for additional turning treatments or channelisation.
- It is noted that the Bunya Highway / Memerambi Barkers Creek Road intersection has existing shoulders which vehicles are using as BAL and BAR treatments. Therefore, from the above, no upgrades are required for this intersection.
- The sight distance available at the key Bunya Highway / Memerambi Barkers Creek Road intersection is satisfactory and meets the minimum SISD requirements for both the north-east and south-west directions.
- The formation and alignment of Memerambi Barkers Creek Road is considered suitable for the proposed development vehicles and no high risk safety deficiencies have been identified. The mutual sight distance along Memerambi Barkers Creek Road is generally sufficient, the existing road width is deemed adequate with the option for vehicles to utilise the shoulders if required. Aerial imagery shows that in recent years curves and sharp corners have been realigned and widened for greater road safety.
- From a risk assessment (refer to Section 6.4), no adverse safety issues were identified relating to the proposed development, and no mitigation measures are required by the development.
- The high-level desktop review via a swept path assessment of the design vehicle entering and exiting the site demonstrate that the intersection configurations and geometry is suitable. Stage 1 and Stage 2 also currently operate under B-Double permits and access the site without any noted issues.

- Although no issues have been noted with regards to existing vehicles utilising the site access, if required the 3.4 m wide access gate can be widened to provide an additional buffer for heavy vehicle turning movements. This can be investigated further and assessed during the future detailed design (operational works) stage of the development when detailed site survey is available.

Pavement impacts

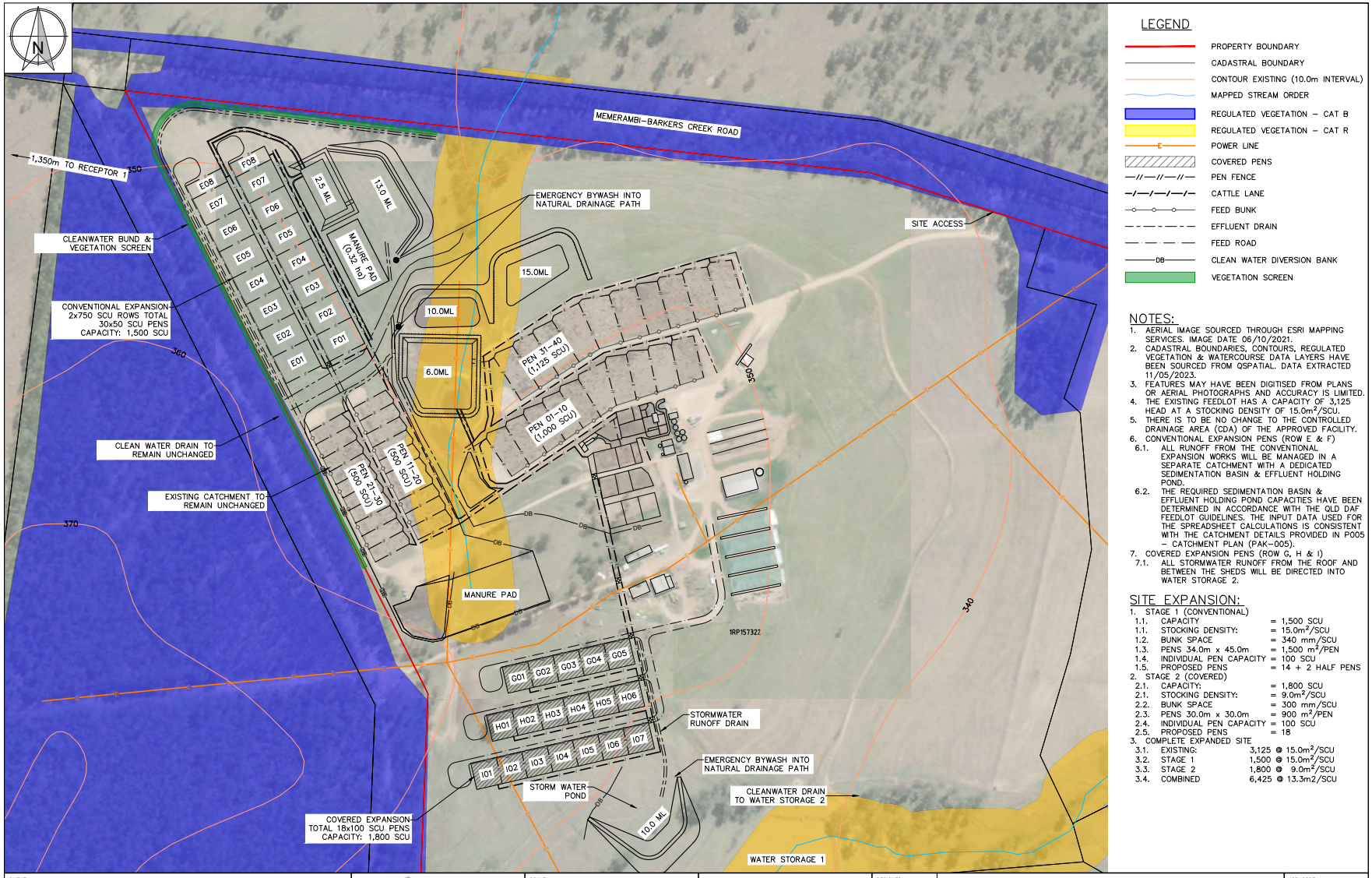
- Given the low number of development heavy vehicle movements (approximately 2 vehicles per day increase), with the consideration of the existing low background traffic volumes, it can be determined that the development will not have any adverse pavement impacts on the Bunya Highway and surrounding road network.
- It is anticipated that the proposed development will also have a negligible impact on the Council owned Memerambi Barkers Creek Road (similar to the above outcome) due to the minimal increase in heavy vehicle movements.

Site layout

- The sight distance available at the site access location is satisfactory and meets the minimum SISD requirements.
- The internal access road is approximately 8 m wide. This existing configuration of the internal access road currently caters for B-Doubles and is therefore considered sufficient for the ultimate development. The internal access roads unformed configuration is deemed appropriate given the use of the site, relatively low vehicle volumes, continued use of B-Double vehicles, and also the frequency of the entering and exiting vehicles.
- Online imagery shows that there is ample internal area and space to provide for heavy vehicle manoeuvring.
- It is recommended that the required number of parking spaces be amended to reflect 10 spaces to cater for the expected staff and visitor/maintenance vehicles that will park on-site. Given the large area of the site, it is understood that the informal parking areas can be increased if necessary, and therefore the required parking demands (for both staff and visitors) can be achieved.
- The parking area should be constructed to a standard of gravel hardstand and further considerations of the internal layout of the proposed development will be undertaken in the detailed design stage.

With respect to the above findings and recommendations of this TIA report, the proposed development can proceed without any unacceptable or adverse impacts on the external road network. No traffic and transport engineering matters have been identified that should preclude approval of the proposed development at this location.

Appendix A Development layout



NOTES:

1. AERIAL IMAGE SOURCED THROUGH ESRI MAPPING SERVICES. IMAGE DATE 06/10/2021.
2. CADASTRAL BOUNDARIES, CONTOURS, REGULATED VEGETATION & WATERCOURSE DATA LAYERS HAVE BEEN SOURCED FROM QSPATIAL. DATA EXTRACTED 11/05/2023.
3. FEATURES MAY HAVE BEEN DIGITISED FROM PLANS OR AERIAL PHOTOGRAPHS AND ACCURACY IS LIMITED.
4. THE EXISTING FEEDLOT HAS A CAPACITY OF 3,125 HEAD AT A STOCKING DENSITY OF 15.0m²/SCU.
5. THERE IS TO BE NO CHANGE TO THE CONTROLLED DRAINAGE AREA (CDA) OF THE APPROVED FACILITY.
6. CONVENTIONAL EXPANSION PENS (ROW E & F)
   - 6.1. ALL RUNOFF FROM THE CONVENTIONAL EXPANSION WORKS WILL BE MANAGED IN A SEPARATE CATCHMENT WITH A DEDICATED SEDIMENTATION BASIN & EFFLUENT HOLDING POND.
   - 6.2. THE REQUIRED SEDIMENTATION BASIN & EFFLUENT HOLDING POND CAPACITIES HAVE BEEN DETERMINED IN ACCORDANCE WITH THE QLD DAF FEEDLOT GUIDELINES. THE INPUT DATA USED FOR THE SPREADSHEET CALCULATIONS IS CONSISTENT WITH THE CATCHMENT DETAILS PROVIDED IN P005 – CATCHMENT PLAN (PAK–005).
7. COVERED EXPANSION PENS (ROW G, H & I)
   - 7.1. ALL STORMWATER RUNOFF FROM THE ROOF AND BETWEEN THE SHEDS WILL BE DIRECTED INTO WATER STORAGE 2.

SITE EXPANSION:

1. STAGE 1 (CONVENTIONAL)		
1.1.	CAPACITY	= 1,500 SCU
1.1.	STOCKING DENSITY:	= 15.0m²/SCU
1.2.	BUNK SPACE	= 340 mm/SCU
1.3.	PENS 34.0m x 45.0m	= 1,500 m²/PEN
1.4.	INDIVIDUAL PEN CAPACITY	= 100 SCU
1.5.	PROPOSED PENS	= 14 + 2 HALF PENS
2. STAGE 2 (COVERED)		
2.1.	CAPACITY:	= 1,800 SCU
2.1.	STOCKING DENSITY:	= 9.0m²/SCU
2.2.	BUNK SPACE	= 300 mm/SCU
2.3.	PENS 30.0m x 30.0m	= 900 m²/PEN
2.4.	INDIVIDUAL PEN CAPACITY	= 100 SCU
2.5.	PROPOSED PENS	= 18
3. COMPLETE EXPANDED SITE		
3.1.	EXISTING:	3,125 @ 15.0m²/SCU
3.2.	STAGE 1	1,500 @ 15.0m²/SCU
3.3.	STAGE 2	1,800 @ 9.0m²/SCU
3.4.	COMBINED	6,425 @ 13.3m2/SCU

CLIENT: PAKADERINGA FEEDLOT PTY LTD
PROJECT: PAKADERINGA FEEDLOT EXPANSION
LOCATION: 1270 CORNDALE ROAD, NANANGO, QLD 4615
SHEET TITLE: CONCEPT PLAN

AGRICULTURAL DEVELOPMENT SERVICES AUSTRALIA
PO BOX 292 TOOWOOMBA QLD 4350
PH: +61 473 171 957
E: contact@agdsa.com.au

SCALE: 0 40 80 120m
SCALE 1:2,000 (A1) 1:4,000 (A3)
SIGNED

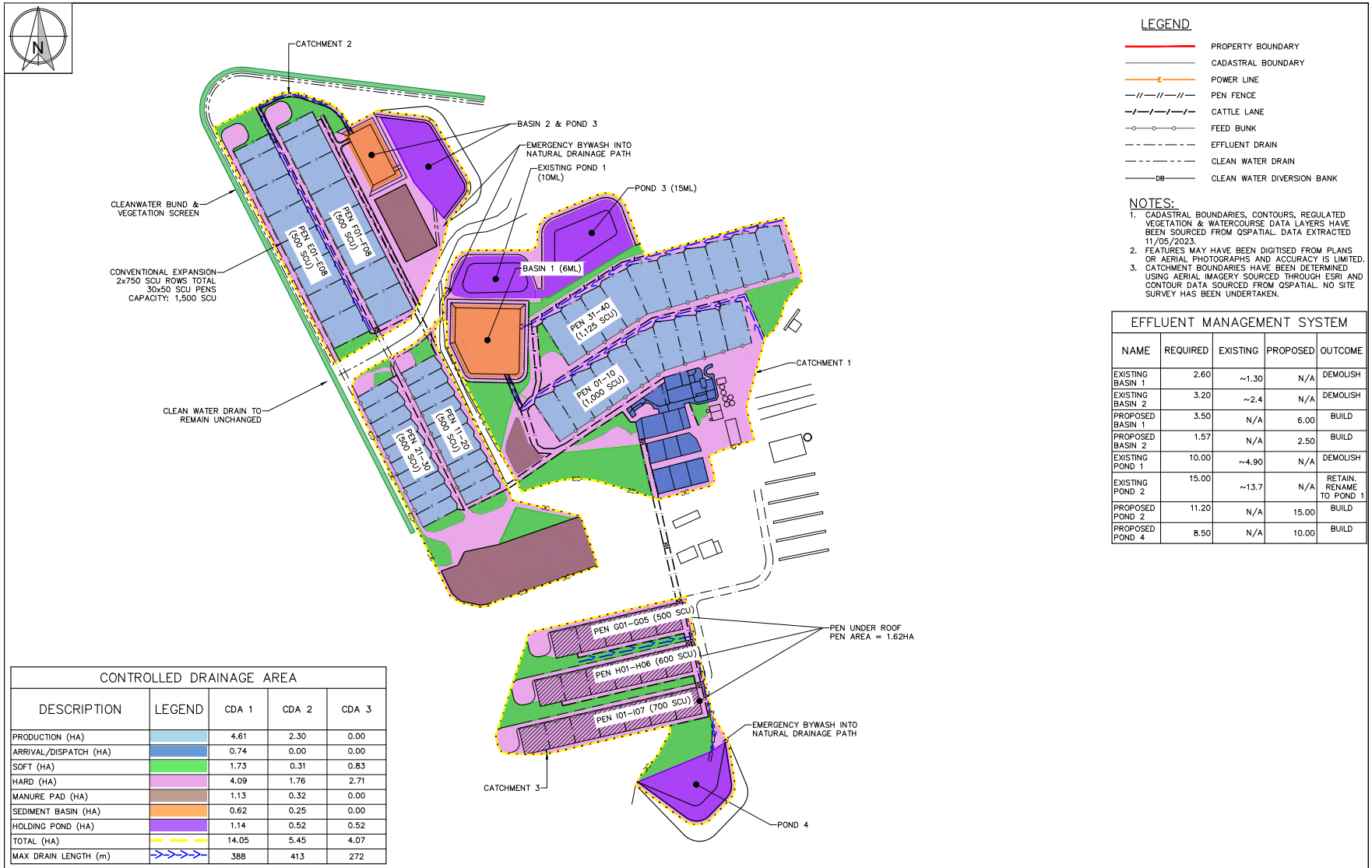
DESIGNED: TJS
CHECKED: MRN
PROJECT MANAGER: MRN

FOR APPROVAL ONLY

DATE	REV	DESCRIPTION	APP
22/09/2023	A	ORIGINAL ISSUE FOR APPROVAL ONLY	MRN

REVISIONS

JOB CODE: PAK–001
SHEET NUMBER: A003
CURRENT REVISION: A



LEGEND

- PROPERTY BOUNDARY
- CADASTRAL BOUNDARY
- E — POWER LINE
- PEN FENCE
- CATTLE LANE
- FEED BUNK
- EFFLUENT DRAIN
- CLEAN WATER DRAIN
- DB — CLEAN WATER DIVERSION BANK

NOTES:

1. CADASTRAL BOUNDARIES, CONTOURS, REGULATED VEGETATION & WATERCOURSE DATA LAYERS HAVE BEEN SOURCED FROM QSPATIAL. DATA EXTRACTED 11/05/2023.
2. FEATURES MAY HAVE BEEN DIGITISED FROM PLANS OR AERIAL PHOTOGRAPHS AND ACCURACY IS LIMITED.
3. CATCHMENT BOUNDARIES HAVE BEEN DETERMINED USING AERIAL IMAGERY SOURCED THROUGH ESRI AND CONTOUR DATA SOURCED FROM QSPATIAL. NO SITE SURVEY HAS BEEN UNDERTAKEN.

EFFLUENT MANAGEMENT SYSTEM

NAME	REQUIRED	EXISTING	PROPOSED	OUTCOME
EXISTING BASIN 1	2.60	~1.30	N/A	DEMOLISH
EXISTING BASIN 2	3.20	~2.4	N/A	DEMOLISH
PROPOSED BASIN 1	3.50	N/A	6.00	BUILD
PROPOSED BASIN 2	1.57	N/A	2.50	BUILD
EXISTING POND 1	10.00	~4.90	N/A	DEMOLISH
EXISTING POND 2	15.00	~13.7	N/A	RETAIN. RENAME TO POND 1
PROPOSED POND 2	11.20	N/A	15.00	BUILD
PROPOSED POND 4	8.50	N/A	10.00	BUILD

CONTROLLED DRAINAGE AREA

DESCRIPTION	LEGEND	CDA 1	CDA 2	CDA 3
PRODUCTION (HA)		4.61	2.30	0.00
ARRIVAL/DISPATCH (HA)		0.74	0.00	0.00
SOFT (HA)		1.73	0.31	0.83
HARD (HA)		4.09	1.76	2.71
MANURE PAD (HA)		1.13	0.32	0.00
SEDIMENT BASIN (HA)		0.62	0.25	0.00
HOLDING POND (HA)		1.14	0.52	0.52
TOTAL (HA)		14.05	5.45	4.07
MAX DRAIN LENGTH (m)		388	413	272

CLIENT: PAKADERINGA FEEDLOT PTY LTD
PROJECT: PAKADERINGA FEEDLOT EXPANSION
LOCATION: 1270 CORNDALE ROAD, NANANGO, QLD 4615
SHEET TITLE: CONTROLLED DRAINAGE AREA

AGRICULTURAL DEVELOPMENT SERVICES AUSTRALIA
PO BOX 292
TOOWOOMBA QLD 4350
PH: +61 473 171 957
E: contact@agdsa.com.au

SCALE: 0 40 80 120m
SCALE 1:2,000 (A1) 1:4,000 (A3)
SIGNED

DESIGNED: TJS
CHECKED: MRN
PROJECT MANAGER: MRN

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DATE	REV	DESCRIPTION	APP
22/09/2023	A	ORIGINAL ISSUE FOR APPROVAL ONLY	MRN

REVISIONS

JOB CODE: PAK–001
SHEET NUMBER: A005
CURRENT REVISION: A

Appendix B AgDSA calculations

Beef Feedlot
Feed, Manure & Traffic Calculator

The AgDSA Beef Feedlot Feed, Manure & Traffic Calculator has been developed to assist the preparation of development applications for beef feedlots in Australia.

Cattle stocking rates used to estimate cattle capacities per truck are based on the 2019 Meat & Livestock Australia (MLA) "Fit to Load" manual. Cattle weights above or below those provided in the manual have been interpolated or extrapolated as required.

Legend

Data is to be entered into all of the grey cells, starting with the '1 - General' worksheet and proceeding through the other worksheets from left to right, using the tabs on the bottom of the screen.

Scroll over these cells. For assistance with the selection of appropriate input data, scroll over the cells that have red triangles in the upper right corner to view explanatory comments.

Developed by: Tim Sullivan
Principal Agricultural Engineer
AgDSA
Email: tim.sullivan@agdsa.com.au

General Feedlot Information

Feedlot Details

Landholders' name(s):	**Pakaderinga**
Cattle feedlot name:	**Pakaderinga**
Feedlot address:	**Memerambi-Barkers Creek Rd**
Feedlot locality:	
Feedlot State:	
Feedlot Local Government Area:	**SBRC**
Spreadsheet user name	**MRN**
Assessment date	**21/06/2023**

Feedlot Development

Is the feedlot developed in stages: **Yes**

	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Total
Cattle capacity per stage (SCU)	1,800	1,200	1,500	1,800		6,300
Percentage of full capacity	29%	19%	24%	29%		
Description (i.e Pen Numbers &/or Market Type)	Existing (70 day)	Existing (100 day)	Stage 1 (wagyu)	Stage 2 (sheds)		
Anticipated completion date	N/A	N/A	2024	2030		

Cattle Movements

Expansion Stage	1	2	3	4	5	Total	Units
Maximum SCU Capacity	1,800	1,325	1,500	1,800	-	**6,425**	SCU
Maximum SCU Stage Split	28%	21%	23%	28%		**100%**	%
Animal Performance Data							
Entry Weight	350	400	400	400			kg
Exit Weight	500	650	750	750			kg
Average Weight	425	525	575	575	-		kg
SCU Conversion (at average weight)	0.77	0.90	0.97	0.97	-		
Maximum Head Capacity	2,331	1,465	1,549	1,858	-	**7,203**	Head
Maximum Head Stage Split	32%	20%	22%	26%		**100%**	%
Total Days on Feed	70	100	350	350			Days
Feed cycles per year	5.21	3.65	1.04	1.04	-		
Average Occupancy Rate			80%			**80%**	%
Average SCU in Feedlot	1,440	1,060	1,200	1,440	-	**5,140**	SCU
Average Head in Feedlot	1,865	1,172	1,239	1,487	-	**5,762**	Head
Maximum Head in Feedlot (100% Occupancy)	2,331	1,465	1,549	1,858	-	**7,203**	Head
Total Cattle Entering the Feedlot	9,725	4,277	1,292	1,550	-	**16,844**	Head
Average Mortality			0.50%			**0.50%**	%
Annual Deaths	49	21	6	8	-	**84**	Head
Outgoing Cattle	9,676	4,255	1,286	1,543	-	**16,760**	Head
Cattle Procurement							
Cattle Produced Onsite			0				Head
Cattle Produced Per Stage	0	0	0	0	0	**-**	Head
Cattle Produced Onsite	0.0%	0.0%	0.0%	0.0%		**0.0%**	%
Cattle Transported In	9,725	4,277	1,292	1,550	-	**16,844**	Head
Cattle Transported In	100.0%	100.0%	100.0%	100.0%		**100.0%**	%
Incoming Cattle Trucks							
Incoming Cattle	9,725	4,277	1,292	1,550	-		
Incoming Cattle Truck Type	B Double	B Double	B Double	B Double			Type
Total Decks / Truck Type	3	3	3	3	-		kg
Incoming Cattle Weight	350	400	400	400	-		kg
Incoming Cattle Floor Area	0.98	1.05	1.05	1.05	-		m^2/head
Incoming Cattle/Deck	30	28	28	28	-		Head
Incoming Cattle/Truck (Space Limiting)	90	84	84	84	-		Head
Incoming Cattle/Truck	90	84	84	84			Head
Incoming Cattle Trucks/year	108	51	15.38	18.46	-	**193**	Trucks/year
Outgoing Cattle Trucks							
Outgoing Cattle	9,676	4,255	1,286	1,543	-		
Outgoing Cattle Truck Type	B Double	B Double	B Double	B Double			Type
Total Decks / Truck Type	3	3	3	3	-		kg
Outgoing Cattle Weight	500	650	750	750	-		kg
Outgoing Cattle Floor Area	1.23	1.63	1.94	1.94	#N/A		m^2/head
Outgoing Cattle/Deck	24	18	15	15	#N/A		
Outgoing Cattle/Truck (Space Limiting)	72	54	45	45	#N/A		Head
Outgoing Cattle/Truck	72	54	45	45			Head
Outgoing Cattle Trucks/Year	134	79	29	34	-	**276**	Trucks/year

Feedstuff Requirements

Expansion Stage	1	2	3	4	5	Total	Units
Maximum SCU Capacity	1,800	1,325	1,500	1,800	-	**6,425**	SCU
Animal Performance Data							
Entry Weight	350	400	400	400	-		kg
Exit Weight	500	650	750	750	-		kg
Average Weight	425	525	575	575	-		kg
SCU Conversion (at average weight)	0.77	0.90	0.97	0.97	-		
Average Occupancy Rate			80%			**80%**	%
Average SCU in Feedlot	1,440	1,060	1,200	1,440	-	**5,140**	SCU
Average Head in Feedlot	1,865	1,172	1,239	1,487	-	**5,762**	Head
Maximum Head Capacity	2,331	1,465	1,549	1,858	-	**7,203**	Head
Animal Feed Intake							
As fed intake	3.5%	2.9%	2.6%	2.6%	0.0%		% Avg. LWT
As fed intake	15.0	15.0	15.0	15.0			kg/day
Ration Dry Matter	90%	90%	90%	90%			%
DM feed intake	13.5	13.5	13.5	13.5	-		kg/day
Days on Feed	70.0	100.0	350.0	350.0	-		days
Daily Gain	2.1	2.5	1.0	1.0	-		kg/day
FCR (as fed basis)	7.0	6.0	15.0	15.0	-		x:1
FCR (DM basis)	6.3	5.4	13.5	13.5	#DIV/0!		x:1
Feed consumed onsite/day	28.0	17.6	18.6	22.3	-	**86.4**	t/day
Feed consumed onsite/week	195.8	123.0	130.1	156.1	-	**605.0**	t/week
Feed consumed onsite/year	10,211.0	6,414.8	6,783.1	8,139.7	-	**31,548.6**	t/year
Diet & Ingredient Volumes							
Grain	75.0%	75.0%	75.0%	75.0%			%
Roughage (Hay/Straw)	6.0%	6.0%	6.0%	6.0%			%
Roughage (Silage)	10.0%	10.0%	10.0%	10.0%			%
Liquids + Supplements	9.0%	9.0%	9.0%	9.0%			%
Total	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**0.0%**		%
Annual Feed Requirements							
Grain	7,658.3	4,811.1	5,087.3	6,104.8	-	**23,661.5**	t/year
Roughage (Hay/Straw)	612.7	384.9	407.0	488.4	-	**1,892.9**	t/year
Roughage (Silage)	1,021.1	641.5	678.3	814.0	-	**3,154.9**	t/year
Liquids + Supplements	919.0	577.3	610.5	732.6	-	**2,839.4**	t/year
Total	10,211.0	6,414.8	6,783.1	8,139.7	-	**31,548.6**	t/year
	OK	OK	OK	OK	OK	OK	
Annual Feed Grown Onsite							
Grains produced onsite			0			-	t/year
	-	-	-	-	-		t/stage/year
							% supplied from onsite
Roughage (Hay/Straw) produced onsite			0			-	t/year
	-	-	-	-	-		t/stage/year
							% supplied from onsite
Roughage (Silage) produced onsite			0			-	t/year
	-	-	-	-	-		t/stage/year
							% supplied from onsite
Liquid + Supplements produced onsite			0			-	t/year
	-	-	-	-	-		t/stage/year
							% supplied from onsite
Total feed produced onsite						-	t/year
							% supplied from onsite
Commodity Truck Movements							
Grain - *Ex. Farm Grown*	7,658	4,811	5,087	6,105	-	**23,661**	t/year
Grain Truck Type	B Double	B Double	B Double	B Double			Type
Grain Truck Capacity (Suggested)	36	36	36	36	-		t/vehicle
Grain Truck Capacity (Used)	36	36	36	36			t/vehicle
Grain Truck Loads	213	134	141	170	-	**657**	Trucks/yr
Roughage (Hay/Straw) - *Ex. Farm Grown*	613	385	407	488	-	**1,893**	t/year
Roughage (Hay/Straw) Truck Type	Semi Trailer	Semi Trailer	Semi Trailer	Semi Trailer			Type
Roughage (Hay/Straw) Truck Capacity (Suggested)	12	12	12	12	-		t/vehicle
Roughage (Hay/Straw) Truck Capacity (Used)	12	12	12	12			t/vehicle
Rough (Hay/Straw) Truck Loads	51	32	34	41	-	**158**	Trucks/yr
Roughage (Silage) - *Ex. Farm Grown*	1,021	641	678	814	-	**3,155**	t/year
Roughage (Silage) Truck Type	Semi Trailer	Semi Trailer	Semi Trailer	Semi Trailer			Type
Roughage (Silage) Truck Capacity (Suggested)	25	25	25	25	-		t/vehicle
Roughage (Silage) Truck Capacity (Used)	25	25	25	25			t/vehicle
Rough (Silage) Truck Loads	41	26	27	33	-	**126**	Trucks/yr
Liquids + Supplements - *Ex. Farm Grown*	919	577	610	733	-	**2,839**	t/year
Liquids + Supplements Truck Type	B Double	B Double	B Double	B Double			Type
Liquids + Supplements Truck Capacity (Suggested)	36	36	36	36	-		t/vehicle
Liquids + Supplements Truck Capacity (Used)	36	36	36	36			t/vehicle
Liquids + Supplements Truck Loads	26	16	17	20	-	**79**	Trucks/yr

Manure Production Details

Expansion Stage	1	2	3	4	5	Total	Units
Maximum SCU Capacity	1,800	1,325	1,500	1,800	-	**6,425**	SCU
Occupancy Rate			80%			**80%**	%
Average SCU in Feedlot	1,440	1,060	1,200	1,440	-	**5,140**	SCU
Manure Production							
Average raw manure harvested per SCU	0.80	0.80	0.80	0.80	0.80	**0.80**	t/SCU/yr
Average annual raw manure harvested	1,152	848	960	1,152	-	**4,112**	t/year
Manure processing utilised	Stockpiled	Stockpiled	Stockpiled	Stockpiled	Stockpiled		
Average raw/processed manure per scu	0.56	0.56	0.56	0.56	0.56		t/SCU/yr
Average annual manure for reuse	806	594	672	806	-	**2,878**	
Manure exported off-site annually	810.0	595.0	673.0	810.0	0.0	**2,888**	t/yr
Manure exported off-site annually	100%	100%	100%	100%		**100%**	%
Manure transport typical truck type	B double	B double	B double	B double	B double		
Tonnes of manure/truckload	36	36	36	36	-		t/vehicle
No. outgoing trucks/year	22.5	16.5	18.7	22.5	-	**80.2**	truck/yr

Traffic Generation - Individual Stages

xpansion Stage	1	2	3	4	5	Total	Units
ıcoming Cattle (Excludes farm grown)							
verage Occupancy	80%	80%	80%	80%	0%		%
attle per year	9,725	4,277	1,292	1,550	-	16,844	head/year
ypical truck type	B Double	B Double	B Double	B Double	-		
o. of head/truck	90	84	84	84	-		head/truck
o. of trucks/year	108	51	15	18	-	193	trucks/year
o. of trucks/week	2.1	1.0	0.3	0.4	-	3.7	trucks/week
o. of trucks/day	0.3	0.1	0.0	0.1	-	0.5	trucks/day
lutgoing Cattle							
attle out per year	9,676	4,255	1,286	1,543	-	16,760	head/year
ypical truck type	B Double	B Double	B Double	B Double	-		
o. of Head/truck	72	54	45	45	-		head/truck
o. of trucks/year	134	79	29	34	-	276	trucks/year
o. of trucks/week	2.6	1.5	0.5	0.7	-	5.3	trucks/week
o. of trucks/day	0.4	0.2	0.1	0.1	-	0.8	trucks/day
ırain and Feedstuffs							
otal feed Imported *Ex. Farm Grown*	10,211	6,415	6,783	8,140	-	31,549	t/year
ypical truck type	B Double	B Double	B Double	B Double	-		
o. of trucks/year	330	207	219	263	-	1,020	trucks/year
o. of trucks/week	6.3	4.0	4.2	5.1	-	19.6	trucks/week
o. of trucks/day	0.9	0.6	0.6	0.7	-	2.8	trucks/day
lutgoing Manure							
anure transported off-site	810	595	673	810	-	2,888	t/year
ypical truck type	B double	B double	B double	B double	B double		
o. of trucks/year	23	17	19	23	-	80	trucks/year
o. of trucks/week	0.4	0.3	0.4	0.4	-	1.5	trucks/week
o. of trucks/day	0.1	0.0	0.1	0.1	-	0.2	trucks/day
otal - Incoming and Outgoing Trucks							
o. of trucks - Incoming Cattle & Incoming Feed	438	258	235	282	-	1,213	trucks/year
ommodities	8	5	5	5	-	23	trucks/week
	1.2	0.7	0.6	0.8	-	3.3	trucks/day
ıcoming Annual Average Daily Traffic (AADT)	2.4	1.4	1.3	1.5	-	6.6	trucks/day
o. of trucks - Outgoing Cattle & Manure taken for offsite	157	95	47	57	-	356	trucks/year
isposal	3	2	1	1	-	7	trucks/week
	0.4	0.3	0.1	0.2	-	1.0	trucks/day
utgoing Annual Average Daily Traffic (AADT)	0.9	0.5	0.3	0.3	-	2.0	trucks/day
otal - Incoming & Outgoing Trucks	595	354	282	338	-	1,569	trucks/year
	11	7	5	7	-	30	trucks/week
	1.6	1.0	0.8	0.9	-	4.3	trucks/day
otal Annual Average Daily Traffic (AADT)	3.3	1.9	1.5	1.9	-	8.6	trucks/day
otal AADT (Rounded to Nearest Complete Trip)	4.0	2.0	2.0	2.0	-	10.0	trucks/day

Traffic Generation - Cumulative Stages

Expansion Stage	1	1+2	1+2+3	1+2+3+4	1+2+3+4+5	Units
Incoming Cattle (Excludes farm grown)						
Average Occupancy	80%	80%	80%	80%	0%	%
Cattle per year	9,725	14,001	15,293	16,844	-	head/year
Typical truck type	B Double	B Double	B Double	B Double	-	
No. of head/truck	90	84	84	84	-	head/truck
No. of trucks/year	108	159	174	193	-	trucks/year
No. of trucks/week	2.1	3.1	3.4	3.7	-	trucks/week
No. of trucks/day	0.3	0.4	0.5	0.5	-	trucks/day
Outgoing Cattle						
Cattle out per year	9,676	13,931	15,217	16,760	-	head/year
Typical truck type	B Double	B Double	B Double	B Double	-	
No. of Head/truck	72	54	45	45	-	head/truck
No. of trucks/year	134	213	242	276	-	trucks/year
No. of trucks/week	2.6	4.1	4.6	5.3	-	trucks/week
No. of trucks/day	0.4	0.6	0.7	0.8	-	trucks/day
Grain and Feedstuffs						
Total feed Imported *Ex. Farm Grown*	10,211	16,626	23,409	31,549	-	t/year
Typical truck type	B Double	B Double	B Double	B Double	-	
No. of trucks/year	330	538	757	1,020	-	trucks/year
No. of trucks/week	6.3	10.3	14.6	19.6	-	trucks/week
No. of trucks/day	0.9	1.5	2.1	2.8	-	trucks/day
Outgoing Manure						
Manure transported off-site	810	1,405	2,078	2,888	-	t/year
Typical truck type	B double	B double	B double	B double	B double	
No. of trucks/year	23	39	58	80	-	trucks/year
No. of trucks/week	0.4	0.8	1.1	1.5	-	trucks/week
No. of trucks/day	0.1	0.1	0.2	0.2	-	trucks/day
Total - Incoming and Outgoing Trucks						
No. of trucks - Incoming Cattle & Incoming Feed	438	697	931	1,213	-	trucks/yea
Commodities	8	13	18	23	-	trucks/wee
	1.2	1.9	2.6	3.3	-	trucks/da
Incoming Annual Average Daily Traffic (AADT)	2.4	3.8	5.1	6.6	-	trucks/da
No. of trucks - Outgoing Cattle & Manure taken for offsite	157	252	299	356	-	trucks/yea
disposal	3	5	6	7	-	trucks/wee
	0.4	0.7	0.8	1.0	-	trucks/da
Outgoing Annual Average Daily Traffic (AADT)	0.9	1.4	1.6	2.0	-	trucks/da
Total - Incoming & Outgoing Trucks	595	949	1,231	1,569	-	trucks/yea
	11	18	24	30	-	trucks/wee
	1.6	2.6	3.4	4.3	-	trucks/da
Total Annual Average Daily Traffic (AADT)	3.3	5.2	6.7	8.6	-	trucks/da
Total AADT (Rounded to Nearest Complete Trip)	4.0	6.0	8.0	10.0	-	trucks/da

Average Annual Daily Traffic (AADT) Vehicle Comparison

Project Background Traffic

Design Horizon	Growth Year	AADT	Heavy Vehicles/Day	Light Vehicles/Day
2020	0	4424	575	3849
2021	1	4497	585	3912
2022	2	4571	594	3977
2023	3	4645	604	4041
2024	4	4721	614	4107
2025	5	4799	624	4175
2026	6	4877	634	4243
2027	7	4957	644	4313
2028	8	5038	655	4383
2029	9	5121	666	4455
2030	10	5204	677	4527
2031	11	5290	688	4602
2032	12	5376	699	4677
2033	13	5464	710	4754
2034	14	5553	722	4831
2035	15	5644	734	4910
2036	16	5737	746	4991
2037	17	5831	758	5073
2038	18	5926	770	5156
2039	19	6023	783	5240
2040	20	6122	796	5326

Historical Road Census Data

Traffic Census Year	AADT	Growth Rate
2015	3934	
2016	4102	4.27%
2017	4201	2.41%
2018	4359	3.76%
2019	4424	1.49%
2020	4258	-3.75%
5		1.64%

Census Traffic Assumptions

Traffic Growth Rate	% Heavy Vehicle
1.64%	13%

Staff Travel Assumptions

Stage	Offsite Staff	Offsite Daily Vehicles	Offsite AADT (Light)
Stage 1	5	3	6
Stage 1+2	5	3	6
Stage 1+2+3	7	5	10
Stage 1+2+3+4	10	8	16
Stage 1+2+3+4+5			0

Proposed Traffic Impacts

Parameter	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5
Anticipated Development Year	2023	2023	2024	2030	
Background Light Traffic	4041	4041	4107	4527	
Feedlot AADT Light Traffic	6	6	10	16	
Total AADT Light Post Construction	4047	4047	4117	4543	
Increase in Light Traffic	0.15%	0.15%	0.24%	0.35%	#VALUE!
Background Heavy Traffic	603.9	603.9	613.7	676.5	
Feedlot AADT Heavy Traffic	0	0	2	4	
Total AADT Heavy Post Construction	603.9	603.9	615.7	680.5	#VALUE!
Increase in Heavy Traffic	0.00%	0.00%	0.33%	0.59%	#VALUE!
Background Total Traffic	4645.0	4645.0	4721.0	5204.0	
Feedlot AADT Total Traffic	6	6	12	20	#VALUE!
Total AADT Total Post Construction	4651.0	4651.0	4733.0	5224.0	#VALUE!
Increase in Total Traffic	0.13%	0.13%	0.25%	0.38%	#VALUE!

Assumptions

Table 1. Incoming cattle truck floor areas

Truck Type	Table Top	Semi Trailer (Single Deck)	Semi Trailer (Double Deck)	B Double	Road Train
Configuration	1 Deck	1 Deck	2 Decks	3 Decks	4 Decks
Total 12.5 x 2.4m decks	0.17	1	2	3	4
Total Floor Area (m^2)	5	29.3	58.5	87.8	117

Table 2. Minimum floor area by animal size

Mean liveweight (kg)	Area required (m^2/head)	Using Regression	% Difference	Head / Standard Deck
100	0.31	0.31	-0.9%	94
150	0.42	0.41	-1.8%	70
200	0.53	0.55	4.6%	55
250	0.77	0.79	2.7%	38
300	0.86	0.86	0.6%	34
350	0.98	0.95	-3.4%	30
400	1.05	1.04	-1.4%	28
450	1.13	1.13	0.3%	26
500	1.23	1.24	0.8%	24
550	1.34	1.36	1.2%	22
600	1.47	1.48	1.0%	20
650	1.63	1.62	-0.4%	18
700	1.78	1.78		16
750	1.94	1.94		15
800	2.13	2.13		13
850	2.33	2.33		12
900	2.55	2.55		11
950	2.79	2.79		10
1000	3.05	3.05		9

Table 3. Incoming Grain truck loading rates

Commodity	Body Truck	Truck & Dog	Semi Trailer	B Double	Road Train
Grain (tonnes)	12	24	24	36	48

Table 4. Incoming Roughage - Hay/Straw truck loading rates

Commodity	Body Truck	Truck & Dog	Semi Trailer	B Double	Road Train
Roughage - Hay/Straw (tonnes)	6	12	12	18	24

Table 5. Incoming Roughage - Silage truck loading rates

Commodity	Body Truck	Truck & Dog	Semi Trailer	B Double	Road Train
Roughage - Silage (tonnes)	12	25	25	36	50

Table 6. Incoming Other - Liquids truck loading rates

Commodity	Body Truck	Truck & Dog	Semi Trailer	B Double	Road Train
Other - Liquids (tonnes)	12	24	24	36	48

Table 7. Manure quantities depending on manure treatment process

Truck Type	Tonne/SCU
Immediate Disposal	0.8
Stockpiled	0.56
Composted	0.35

Table 8. Outgoing manure truck loading rates

Truck Type	Tonne / truck
Body Truck	12
Truck & Dog	18
Semi Trailer	24
B double	36

Appendix C Traffic mid-block count data

Received data from SBRC

Site ID	Unit_No	Location	Direction	AADT	Peak_Hr_C	Peak_Hour	Peak_Hour	Commercia	Speed_by_	Easting	Northing	Put_Down	Picked_Up
1	MH9359A4 MC56-L5 [MC	[Corndale Rd] 200m West Klass and Townes Rd	Eastbound	56.4	12	Monday	15:00-16:0	19.68	101.1	385286	7074201	18/04/2018	4/05/2018
			Westbound	62.6	15	Friday	08:00-09:0	25.65	105.7	385286	7074201	18/04/2018	4/05/2018
			Bi-directional	119									
2	V6228G3R MC56-L5 [MC	[Corndale Rd] Narrow Section 150m West RAD623 3883	Eastbound	49.6	11	Tuesday	12:00-13:0	19.61	105.3	388367	7075417	2/06/2020	16/06/2020
			Westbound	51.1	11	Thursday	16:00-17:0	26.63	102.9	388367	7075417	2/06/2020	16/06/2020
			Bi-directional	100.7									
3	V6228G3R MC56-L5 [MC	[Memerambi Barkers CK] 100m west Old Wondai Rd nor	Eastbound	37.8	9	Thursday	08:00-09:0	21.75	54.6	392376.1	7076443	14/10/2015	22/10/2015
			Westbound	39.1	10	Monday	08:00-09:0	28.42	59.6	392375.2	7076445	14/10/2015	22/10/2015
			Bi-directional	76.9									
4	KY38WZ89 MC56-L5 [MC	[Memerambi Barkers] 200m east of Wattlecamp Rd E39	Eastbound	45.5	9	Friday	07:00-08:0	11.43	93.1	399006	7075234	8/11/2016	22/11/2016
			Westbound	48.2	13	Sunday	11:00-12:0	12.97	87.1	399006	7075234	8/11/2016	22/11/2016
			Bi-directional	93.7									
5	V6228G3R MC56-L5 [MC	[Memerambi Barkers] Between Birch and Wattlecamp e	Eastbound	66.4	16	Friday	08:00-09:0	11.11	96.3	397733	7075192	8/11/2016	22/11/2016
			Westbound	68.5	12	Wednesday	12:00-13:0	9.34	98.6	397733	7075192	8/11/2016	22/11/2016
			Bi-directional	134.9									
			Av.	105.04	10.504								

Appendix D Traffic generation calculations

TRAFFIC GENERATION CONTROL SHEET

Project	Pakadering	Days per year	365
Number	23E-0291'		
Date	25/10/2023		

1. Development yield and generation

Heavy Vehicle movements

													Assumed	
	Per year							Per Day					Peak Hour	
Stage	SCU/Stage	Cumulative	Cattle Truck in	Cattle truck out	Grain In	Manure Out	Cumulative	Cattle Truck in	Cattle truck out	Grain In	Manure Out	Cumulative	Staged	Cumulative
1 (Existing)	1800	1800	108	134	330	23	595	0.3	0.4	0.9	0.1	1.6	1	1
2 (Existing)	1325	3125	51	79	207	17	949	0.1	0.2	0.6	0.0	2.6	0	1
3	1500	4625	15	29	219	19	1231	0.0	0.1	0.6	0.1	3.4	1	2
4	1800	6425	18	34	263	23	1569	0.0	0.1	0.7	0.1	4.3	0	2
		3300												

Staff Movements

Stage	Staff	Cumulative	Carpooling rate	Per day	Staff Out	Per day Cumulative	Staff Out
1 (Existing)	5	5	65%	3	3	3	3
2 (Existing)	0	5	65%	0	0	3	3
3	2	7	75%	2	2	5	5
4	3	10	75%	3	3	8	8

2. Distribution assumptions

Trip Rates

					Cumulative			
	Am peak volumes		Pm peak volumes		Am peak volumes		Pm peak volumes	
Stage	In	Out	In	Out	In	Out	In	Out
1 (Existing)	4	1	1	4	4	1	1	4
2 (Existing)	0	0	0	0	4	1	1	4
3	3	1	1	3	7	2	2	7
4	3	0	0	3	10	2	2	10
Total		10	2	2	10			

Growth Rate (sourced from QG)

Site 30031	
Year	AADT
2020	4258
2019	4424
2018	4359
2017	4201
2016	4102
2015	3934
2014	3901
2013	3879
5yr Av.	0.7%

Distribution

				Stage 1+2				Stage 3				Stage 4				TOTAL			
				AM Peak volumes		PM Peak volumes		AM Peak volumes		PM Peak volumes		AM Peak volumes		PM Peak volumes		AM Peak volumes		PM Peak volumes	
Direction	ID	Split	Origin/Destination	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
East	Burnett Highway	0%	Burnett Highway	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	MBC Road	100%	Memerambi	4	1	1	4	3	1	1	3	3	0	0	3	10	2	2	10
North	*Bunya Hgihway*	*10%*	*Wondai*	*1*	*0*	*0*	*1*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*1*	*0*	*0*	*1*
South	*Bunya Highway*	*90%*	*Kingaroy*	*4*	*1*	*1*	*4*	*2*	*1*	*1*	*2*	*3*	*0*	*0*	*3*	*9*	*2*	*2*	*9*
			Total	4	1	1	4	3	1	1	3	3	0	0	3	10	2	2	10

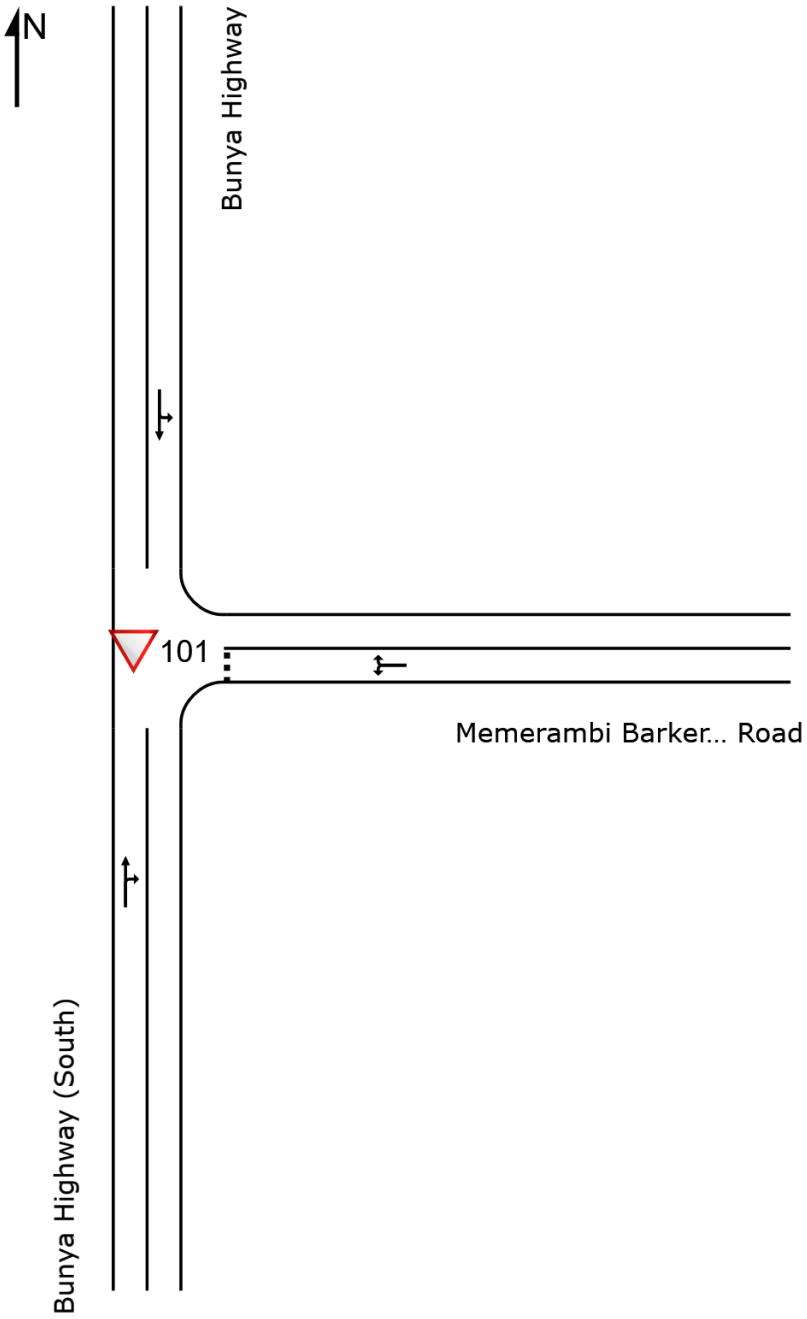
Appendix E SIDRA results

SITE LAYOUT

Site: 101 [2030 AM True BGD (Site Folder: General)]

Bunya Highway / Memerambi Barkers Creek Road Intersection
Site Category: (None)
Give-Way (Two-Way)

Layout pictures are schematic functional drawings reflecting input data. They are not design drawings.



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MOVEMENT SUMMARY

Site: 101 [2030 AM True BGD (Site Folder: General)]

Bunya Highway / Memerambi Barkers Creek Road Intersection
Site Category: (None)
Give-Way (Two-Way)

Vehicle Movement Performance

Mov ID	Turn	INPUT VOLUMES [Total veh/h	HV] %	DEMAND FLOWS [Total veh/h	HV] %	Deg. Satn v/c	Aver. Delay sec	Level of Service	95% BACK OF QUEUE [Veh. veh	Dist] m	Prop. Que	Effective Stop Rate	Aver. No. Cycles	Aver. Speed km/h
South: Bunya Highway (South)														
2	T1	353	20.0	372	20.0	0.237	0.2	LOS A	0.3	2.2	0.08	0.03	0.08	59.4
3	R2	20	20.0	21	20.0	0.237	8.3	LOS A	0.3	2.2	0.08	0.03	0.08	56.1
Approach		373	20.0	393	20.0	0.237	0.7	NA	0.3	2.2	0.08	0.03	0.08	59.2
East: Memerambi Barkers Creek Road														
4	L2	17	20.0	18	20.0	0.059	7.6	LOS A	0.2	1.6	0.51	0.74	0.51	50.0
6	R2	17	20.0	18	20.0	0.059	11.7	LOS B	0.2	1.6	0.51	0.74	0.51	49.5
Approach		34	20.0	36	20.0	0.059	9.6	LOS A	0.2	1.6	0.51	0.74	0.51	49.7
North: Bunya Highway														
7	L2	17	20.0	18	20.0	0.226	5.8	LOS A	0.0	0.0	0.00	0.03	0.00	57.0
8	T1	353	20.0	372	20.0	0.226	0.1	LOS A	0.0	0.0	0.00	0.03	0.00	59.6
Approach		370	20.0	389	20.0	0.226	0.3	NA	0.0	0.0	0.00	0.03	0.00	59.5
All Vehicles		777	20.0	818	20.0	0.237	0.9	NA	0.3	2.2	0.06	0.06	0.06	58.8

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Vehicle movement LOS values are based on average delay per movement.
Minor Road Approach LOS values are based on average delay for all vehicle movements.
NA: Intersection LOS and Major Road Approach LOS values are Not Applicable for two-way sign control since the average delay is not a good LOS measure due to zero delays associated with major road movements.
Delay Model: SIDRA Standard (Geometric Delay is included).
Queue Model: SIDRA Standard.
Gap-Acceptance Capacity: SIDRA Standard (Akçelik M3D).
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

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MOVEMENT SUMMARY

Site: 101 [2030 PM True BGD (Site Folder: General)]

Bunya Highway / Memerambi Barkers Creek Road Intersection
Site Category: (None)
Give-Way (Two-Way)

Vehicle Movement Performance

Mov ID	Turn	INPUT VOLUMES [Total veh/h	HV] %	DEMAND FLOWS [Total veh/h	HV] %	Deg. Satn v/c	Aver. Delay sec	Level of Service	95% BACK OF QUEUE [Veh. veh	Dist] m	Prop. Que	Effective Stop Rate	Aver. No. Cycles	Aver. Speed km/h
South: Bunya Highway (South)														
2	T1	353	20.0	372	20.0	0.233	0.2	LOS A	0.2	1.9	0.07	0.03	0.07	59.4
3	R2	17	20.0	18	20.0	0.233	8.3	LOS A	0.2	1.9	0.07	0.03	0.07	56.2
Approach		370	20.0	389	20.0	0.233	0.6	NA	0.2	1.9	0.07	0.03	0.07	59.3
East: Memerambi Barkers Creek Road														
4	L2	20	20.0	21	20.0	0.062	7.6	LOS A	0.2	1.7	0.51	0.73	0.51	50.1
6	R2	17	20.0	18	20.0	0.062	11.7	LOS B	0.2	1.7	0.51	0.73	0.51	49.6
Approach		37	20.0	39	20.0	0.062	9.5	LOS A	0.2	1.7	0.51	0.73	0.51	49.9
North: Bunya Highway														
7	L2	17	20.0	18	20.0	0.226	5.8	LOS A	0.0	0.0	0.00	0.03	0.00	57.0
8	T1	353	20.0	372	20.0	0.226	0.1	LOS A	0.0	0.0	0.00	0.03	0.00	59.6
Approach		370	20.0	389	20.0	0.226	0.3	NA	0.0	0.0	0.00	0.03	0.00	59.5
All Vehicles		777	20.0	818	20.0	0.233	0.9	NA	0.2	1.9	0.06	0.06	0.06	58.9

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Vehicle movement LOS values are based on average delay per movement.
Minor Road Approach LOS values are based on average delay for all vehicle movements.
NA: Intersection LOS and Major Road Approach LOS values are Not Applicable for two-way sign control since the average delay is not a good LOS measure due to zero delays associated with major road movements.
Delay Model: SIDRA Standard (Geometric Delay is included).
Queue Model: SIDRA Standard.
Gap-Acceptance Capacity: SIDRA Standard (Akçelik M3D).
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

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MOVEMENT SUMMARY

Site: 101 [2030 AM True BGD + DEV (Site Folder: General)]

Bunya Highway / Memerambi Barkers Creek Road Intersection
Site Category: (None)
Give-Way (Two-Way)

Vehicle Movement Performance

Mov ID	Turn	INPUT VOLUMES [Total veh/h	HV] %	DEMAND FLOWS [Total veh/h	HV] %	Deg. Satn v/c	Aver. Delay sec	Level of Service	95% BACK OF QUEUE [Veh. veh	Dist] m	Prop. Que	Effective Stop Rate	Aver. No. Cycles	Aver. Speed km/h
South: Bunya Highway (South)														
2	T1	353	20.0	372	20.0	0.242	0.3	LOS A	0.3	2.8	0.10	0.04	0.10	59.2
3	R2	25	20.0	26	20.0	0.242	8.3	LOS A	0.3	2.8	0.10	0.04	0.10	56.0
Approach		378	20.0	398	20.0	0.242	0.8	NA	0.3	2.8	0.10	0.04	0.10	59.0
East: Memerambi Barkers Creek Road														
4	L2	18	20.0	19	20.0	0.060	7.6	LOS A	0.2	1.6	0.51	0.73	0.51	50.0
6	R2	17	20.0	18	20.0	0.060	11.8	LOS B	0.2	1.6	0.51	0.73	0.51	49.5
Approach		35	20.0	37	20.0	0.060	9.6	LOS A	0.2	1.6	0.51	0.73	0.51	49.7
North: Bunya Highway														
7	L2	18	20.0	19	20.0	0.227	5.8	LOS A	0.0	0.0	0.00	0.03	0.00	57.0
8	T1	353	20.0	372	20.0	0.227	0.1	LOS A	0.0	0.0	0.00	0.03	0.00	59.6
Approach		371	20.0	391	20.0	0.227	0.3	NA	0.0	0.0	0.00	0.03	0.00	59.5
All Vehicles		784	20.0	825	20.0	0.242	1.0	NA	0.3	2.8	0.07	0.07	0.07	58.7

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Vehicle movement LOS values are based on average delay per movement.
Minor Road Approach LOS values are based on average delay for all vehicle movements.
NA: Intersection LOS and Major Road Approach LOS values are Not Applicable for two-way sign control since the average delay is not a good LOS measure due to zero delays associated with major road movements.
Delay Model: SIDRA Standard (Geometric Delay is included).
Queue Model: SIDRA Standard.
Gap-Acceptance Capacity: SIDRA Standard (Akçelik M3D).
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

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MOVEMENT SUMMARY

Site: 101 [2030 PM True BGD + DEV (Site Folder: General)]

Bunya Highway / Memerambi Barkers Creek Road Intersection
Site Category: (None)
Give-Way (Two-Way)

Vehicle Movement Performance

Mov ID	Turn	INPUT VOLUMES [Total veh/h	HV] %	DEMAND FLOWS [Total veh/h	HV] %	Deg. Satn v/c	Aver. Delay sec	Level of Service	95% BACK OF QUEUE [Veh. veh	Dist] m	Prop. Que	Effective Stop Rate	Aver. No. Cycles	Aver. Speed km/h
South: Bunya Highway (South)														
2	T1	353	20.0	372	20.0	0.234	0.2	LOS A	0.2	2.0	0.07	0.03	0.07	59.4
3	R2	18	20.0	19	20.0	0.234	8.3	LOS A	0.2	2.0	0.07	0.03	0.07	56.2
Approach		371	20.0	391	20.0	0.234	0.6	NA	0.2	2.0	0.07	0.03	0.07	59.3
East: Memerambi Barkers Creek Road														
4	L2	25	20.0	26	20.0	0.070	7.6	LOS A	0.2	1.9	0.51	0.73	0.51	50.2
6	R2	18	20.0	19	20.0	0.070	11.7	LOS B	0.2	1.9	0.51	0.73	0.51	49.7
Approach		43	20.0	45	20.0	0.070	9.3	LOS A	0.2	1.9	0.51	0.73	0.51	50.0
North: Bunya Highway														
7	L2	17	20.0	18	20.0	0.226	5.8	LOS A	0.0	0.0	0.00	0.03	0.00	57.0
8	T1	353	20.0	372	20.0	0.226	0.1	LOS A	0.0	0.0	0.00	0.03	0.00	59.6
Approach		370	20.0	389	20.0	0.226	0.3	NA	0.0	0.0	0.00	0.03	0.00	59.5
All Vehicles		784	20.0	825	20.0	0.234	1.0	NA	0.2	2.0	0.06	0.07	0.06	58.8

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Vehicle movement LOS values are based on average delay per movement.
Minor Road Approach LOS values are based on average delay for all vehicle movements.
NA: Intersection LOS and Major Road Approach LOS values are Not Applicable for two-way sign control since the average delay is not a good LOS measure due to zero delays associated with major road movements.
Delay Model: SIDRA Standard (Geometric Delay is included).
Queue Model: SIDRA Standard.
Gap-Acceptance Capacity: SIDRA Standard (Akçelik M3D).
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

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Organisation: RMA ENGINEERS PTY LTD | Licence: NETWORK / 1PC | Processed: Tuesday, 24 October 2023 12:20:18 PM
Project: N:\Synergy\Projects\23E-0291 Pakaderinga Feedlot\4 Design\Traffic\Sidra\Bunya HWY Memerambi Barkers Creek Rd.sip9

Appendix F Turn warrant assessment

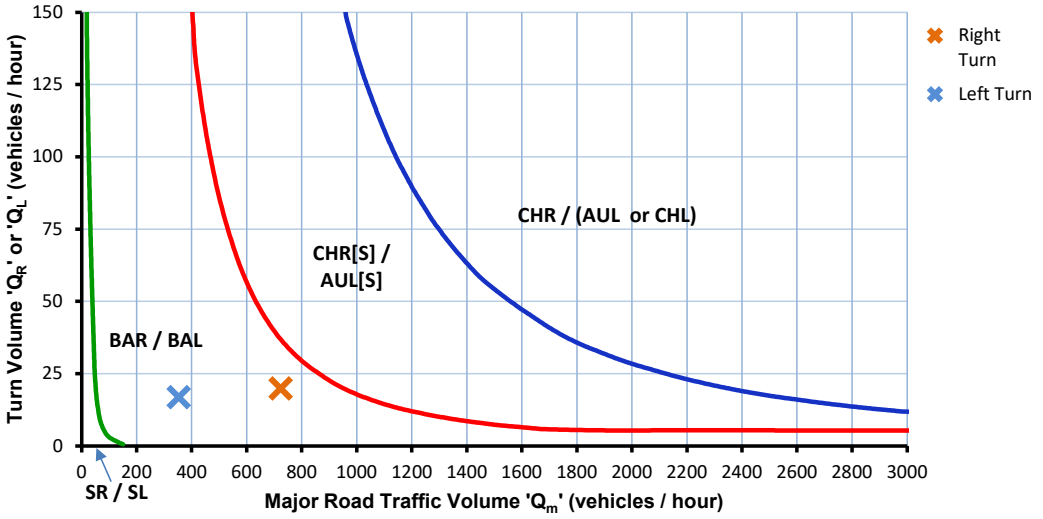
WARRANTS FOR TURN TREATMENTS CALCULATOR

PROJECT: 23E-0291

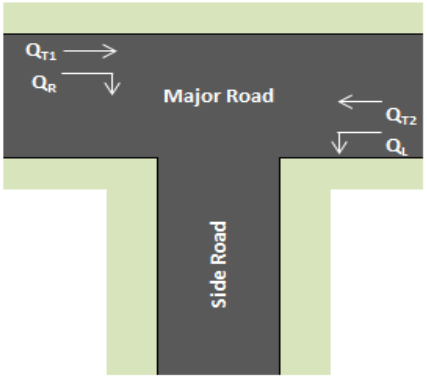
Scenario: 2030 AM Background

INTERSECTION DETAILS		
Major Road		Bunya Highway
Side Road		Memerambi Barkers Creek Road
Splitter Island on Major Road	Yes or No	No
Design Domain	NDD or EDD	EDD
Major Road Design Speed	(km/h)	Less than/equal to 70
TRAFFIC VOLUMES (Vehicles/Hour)		
Major Road approaching through traffic Flow	Q_{T1}	353
Major Road opposing through traffic flow	Q_{T2}	353
Right Turn Traffic Flow	Q_R	20
Left Turn Traffic Flow	Q_L	17
Major Road Traffic Volume for Right Turn	Q_M	723
Major Road Traffic Volume for Left Turn	Q_M	353

Turn Warrant Graph (as adapted from RPDM Figure 13.22)



CALCULATION OF MAJOR ROAD TRAFFICE VOLUME PARAMETER



TURN TYPE	SPLITTER ISLAND	Q_M
Right	No	$Q_{T1} + Q_{T2} + Q_L$
Right	Yes	$Q_{T1} + Q_{T2}$
Left	No/Yes	Q_{T2}

NOTES:

Right turn: BAR

Left turn: BAL

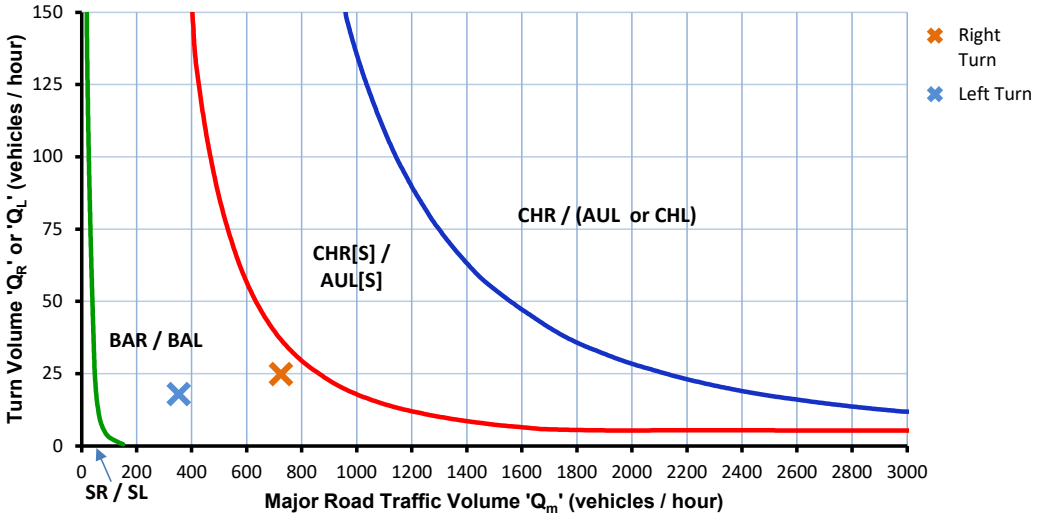
WARRANTS FOR TURN TREATMENTS CALCULATOR

PROJECT: 23E-0291

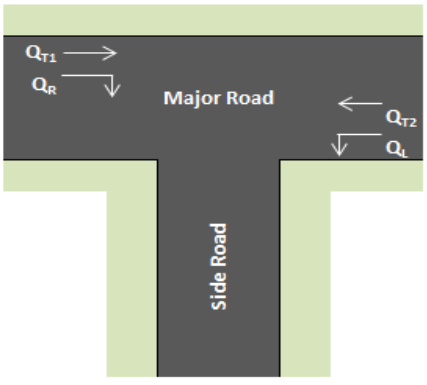
Scenario: 2030 AM Background + Dev Stages 3&4

INTERSECTION DETAILS		
Major Road		Bunya Highway
Side Road		Memerambi Barkers Creek Road
Splitter Island on Major Road	Yes or No	No
Design Domain	NDD or EDD	EDD
Major Road Design Speed	(km/h)	Less than/equal to 70
TRAFFIC VOLUMES (Vehicles/Hour)		
Major Road approaching through traffic Flow	Q_{T1}	353
Major Road opposing through traffic flow	Q_{T2}	353
Right Turn Traffic Flow	Q_R	25
Left Turn Traffic Flow	Q_L	18
Major Road Traffic Volume for Right Turn	Q_M	724
Major Road Traffic Volume for Left Turn	Q_M	353

Turn Warrant Graph (as adapted from RPDM Figure 13.22)



CALCULATION OF MAJOR ROAD TRAFFICE VOLUME PARAMETER



TURN TYPE	SPLITTER ISLAND	Q_M
Right	No	$Q_{T1} + Q_{T2} + Q_L$
Right	Yes	$Q_{T1} + Q_{T2}$
Left	No/Yes	Q_{T2}

NOTES:

Right turn: BAR

Left turn: BAL

Appendix G Pavement Impact Assessment calculations

Background trips & SAR4s

Road Name	Leg	Direction	2030 AADT	HV%	2030 HV AADT	SAR/HV	SAR4s/Day	SAR4s/Annum
		Northbound	2352	12%	282	3.2	903	329620
	North	Southbound	2352	12%	282	3.2	903	329620
		Northbound	2352	12%	282	3.2	903	329620
Bunya Highway	South	Southbound	2352	12%	282	3.2	903	329620

Development trips

Road Name	Leg	Direction	Cattle In	Cattle Out	Feedstuff	Manure
		Northbound	3.3	6.3	48.2	4.2
	North	Southbound	3.3	6.3	48.2	4.2
		Northbound	29.7	56.7	433.8	37.8
Bunya Highway	South	Southbound	29.7	56.7	433.8	37.8

Development SAR4s

Road Name	Leg	Direction	Cattle In	Cattle Out	Feedstuff	Manure	Total
		Northbound	1.749	39.69	25.546	26.46	93.445
	North	Southbound	20.79	3.339	303.66	2.226	330.015
		Northbound	187.11	30.051	2732.94	20.034	2970.135
Bunya Highway	South	Southbound	15.741	357.21	229.914	238.14	841.005

Development increase

Road Name	Leg	Direction	BG annual SAR4s	Dev annual SAR4s	% increase	>5%?
		Northbound	329620	93.445	0.0%	NO
	North	Southbound	329620	330.015	0.1%	NO
		Northbound	329620	2970.135	0.9%	NO
Bunya Highway	South	Southbound	329620	841.005	0.3%	NO

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C/- Matt Norton
Pakaderinga Feedlot
1270 Memerambi-Barkers Creek Road
Nanango, QLD 4615

Our Reference: J001523
Date: 3 October 2023

BUSHFIRE HAZARD ADVICE LETTER FOR 1270 MEMERAMBI-BARKERS CREEK ROAD, NANANGO (LOT 1 ON RP157322)

Dear Matt,

Range Environmental was recently engaged to undertake a site assessment and prepare a Bushfire Hazard Assessment for 1270 Memerambi-Barkers Creek Road, Nanango (lot 1 on RP157322) for Pakaderinga Feedlot. This letter has been prepared to include a desktop assessment and review of the potential bushfire hazard exposure in relation to proposed development on the site. This letter includes the following structure:

- Introduction to the proposed development;
- Results of a basic desktop bushfire hazard exposure assessment;
- Assessment of development compliance with the South Burnett Regional Council (SBRC) and State Planning Policy (SPP) bushfire hazard codes; and
- Recommendations to maintain an acceptable bushfire hazard exposure outcome.

Introduction to the proposed development

The site occurs on 80.45 ha of land currently zoned as Rural under the SBRC (2017 Version 1.4). The site is bounded by Memerabmi Barkers Creek Road to the north and Old Wondal Road to the west. Rural properties surround the site, with areas of Environmental Management and Conservation further to the north and south. Vegetation to the north, west and south of the site contains unmanaged woodland vegetation. The mapped regional ecosystems and their descriptions are detailed in Table 1.

The site currently contains an existing cattle feedlot, with the proposed development intending to expand associated infrastructure. The site is adjacent to areas of unmanaged vegetation directly to the southwest of the existing and proposed infrastructure.

The development site occurs on a gently sloping area, with the land falling from the southwest to the northeast with underlying slopes in the order of 5% or 3°.

Table 1 Description of regional ecosystems surrounding the site

Regional Ecosystem	Description
12.12.24	*Angophora leiocarpa, Eucalyptus crebra* +/- *Corymbia intermedia, E. longirostrata, E. major, E. tereticornis*, *E. acmenoides* or *E. portuensis, C. citriodora* subsp. *variegata* woodland to open forest. Occurs on Mesozoic to Proterozoic igneous rocks including granite.
12.12.5	Open forest to woodland of *Corymbia citriodora subsp. variegata*, usually with *Eucalyptus crebra*. Other species such as *Eucalyptus exserta* and *E. moluccana* present in scattered patches or in low densities. Understorey generally grassy. Occurs on hills and ranges on Mesozoic to Proterozoic igneous rocks.
12.12.12	*Eucalyptus tereticornis, Corymbia intermedia, E. crebra* open forest to woodland. Other species present can include *Eucalyptus melanophloia, Corymbia tessellaris, Angophora subvelutina, A. leiocarpa, C. clarksoniana* (central and northern parts) and *E. siderophloia* with *Melaleuca quinquenervia, Lophostemon suaveolens* near drainage lines in moister areas. Occurs on Mesozoic to Proterozoic igneous rocks usually on lower slopes, especially granite lowlands and basins. Contains Palustrine.

Results of a desktop bushfire hazard exposure assessment

The bushfire hazard that development could potentially be exposed to was calculated using the Australian Standard Construction of buildings in bushfire-prone areas (AS3959-2018) Method 2 and fuel loads consistent with the post-development VHCs as set out in SPP technical reference guide 'Bushfire Resilient Communities' (2019). AS 3959-2018 identifies the level of construction required for the purpose of ensuring that a building is constructed to withstand a potential bushfire attack. This Standard is primarily concerned with improving the ability of buildings in designated bushfire-prone areas to better withstand attack from bushfire, thus giving a measure of protection to the building occupants (until the fire front passes) as well as to the building itself. AS3959-2018 requires that vegetation be assessed within 100 metres of a building when determining the Bushfire Attack Level.

Bushfire Resilient Communities Technical Reference Guide for the State Planning Policy State Interest 'Natural Hazards, Risk and Resilience - Bushfire' (2019) requires that bushfire hazard is to be assessed within 150m of the development footprint.

The following details summarise the steps that were carried out using information collected from the relevant site and apply this information to the conditions required and set out in Australian Standard '*Construction of Buildings in Bushfire-prone areas*' (AS 3959-2018) to identify the relevant bushfire hazard exposure for the proposed development. The calculations of bushfire hazard exposure are detailed in Attachment 2.

Table 2 Summary of attributes to determine bushfire hazard exposure

Step	Procedure	Value southwest	Value northeast
1	Fire Danger Index (FDI)	60	60
2	Vegetation Hazard Class (VHC)	9.2	9.2
3	Overall fuel load (t/ha)	17.2	17.2
4	Minimum Separation Distance from potentially hazardous vegetation	>15m	>25m
5	Location of vegetation (Upslope/Downslope)	Upslope	Downslope

6	Effective slope of land under classified vegetation	0 degrees	3 degrees
7	Radiant heat flux[3]	28.50kW/m^2	18.77kW/m^2

Vegetation Hazard Class

The new methodology for State-wide mapping of bushfire prone areas in Queensland identifies Potential Fuel Loads that are assigned to vegetation categories (Vegetation Hazard Classes) formed by amalgamating land use and vegetation types with a moderately consistent fuel load and structure. The Potential Fuel Load assigned to each Vegetation Hazard Class (VHC) is generally representative of the higher fuel load expected for the typical vegetation types, landscape and site conditions within each Vegetation Hazard Class. This Potential Fuel Load of each Vegetation Hazard Class would approximate the 80th percentile fuel load of the "long unburnt condition" for the class (generally greater than 10 years without burning). The Vegetation Hazard Classes (VHC) applicable for the site were identified to be VHC 9.2 *Moist to dry eucalypt woodlands on costal lowlands and ranges.* Table 3 provides a brief description of VHCs and their potential fuel load characteristics.

Table 3 Vegetation hazard class description and 80th percentile potential fuel load

Vegetation Hazard Class (VHC)	Surface (t/ha)	Near surface (t/ha)	Elevated	Bark	Total
9.2 *Moist to dry eucalypt woodlands on costal lowlands and ranges*	11.4	3.5	1.3	1.0	17.2

Fuel load data sources from Bushfire Resilient Communities Technical Reference Guide October 2019

The overall bushfire hazard exposure in relation to the proposed development is a maximum of 28.50kW/m^2**.**

Development compliance with bushfire hazard codes

South Burnett Regional Council (SBRC)

The South Burnett Regional Council Planning Scheme (SBRC) (2021 V 1.4) contains a rural zone code which includes a Bushfire hazard overlay code.

The purpose of the rural residential zone code is to

a. provide for rural uses and activities;

b. provide for or other uses and activities that are compatible with

   i. Existing and future rural uses and activities; and
   ii. The character and environmental features of the zone; and

c. Maintain the capacity of land for rural uses and activities by protecting and managing significant natural resources and processes.

This code identifies performance outcomes and acceptable outcomes. Where appropriate, this Code has been applied to the development and outcomes proposed to comply with the accepted development and assessment benchmarks. Table 4 provides responses to the bushfire hazard overlay code.

Table 4 SBRC Rural Zone Bushfire Hazard Overlay Code – Accepted development subject to requirements and assessable development

Performance outcomes	Acceptable Outcomes	Proposed solutions
PO21 Development is not placed at unacceptable risk from bushfire, does not increase the extent or severity of bushfire and maintains the safety of people and property from bushfire	**AO21.1** Development does not occur in areas mapped as Very High or High Potential Bushfire Intensity Areas on the SPP Interactive Mapping (Plan Making). or **AO21.2** A written assessment by a suitably experienced or qualified person confirms that the site is of Low Potential Bushfire Hazard. or **AO21.3** For areas mapped as Medium Potential Bushfire Intensity Areas on the SPP Interactive Mapping (Plan Making), bushfire risk is mitigated through a Bushfire Management Plan incorporating: a. Lot design and the siting of buildings and uses so: i. high intensity uses are located on the least bushfire prone area on the site and activities least susceptible to fire are sited closest to the bushfire hazard; and ii. efficient emergency access is optimised; and iii. bushfire risk is effectively minimised having regard to aspect, elevation, slope and vegetation. b. Including firebreaks that provide adequate: i. setbacks between buildings/ structures and hazardous vegetation; and ii. access for fire fighting or other emergency vehicles; and c. Road access for fire-fighting appliances and firebreaks are provided through a perimeter road that separates the use from areas of bushfire hazard and that road has a minimum cleared width of 20 metres; and d. Where a reticulated water supply is not available and development involves	**PS21.1** Development largely occurs in an area mapped as Potential Impact buffer, with adjacent areas of Medium Potential Bushfire Intensity to the southwest. Following desktop analysis, the site occurs in areas of Potential Impact Buffer. **PS21.2** NA **PS21.3** NA The site is identified as being wholly contained within an area of Potential Impact Buffer.

	buildings with a gross floor area greater than 50m2, one tank within 100m of each residential building that has: i. fire brigade tank fittings; and ii. 25,000 litres dedicated for fire fighting purposes.	
PO22 Community infrastructure in any area mapped as Very High to Medium (Potential Intensity) Areas are able to function effectively during and immediately after bushfire events.	**AO22.1** No outcome specified.	NA
PO23 Public safety and the environment are not adversely affected by the detrimental impacts of bushfire on hazardous materials manufactured or stored in bulk.	**AO23.1** No hazardous materials, manufactured or stored in bulk, are on land mapped as Very High to Medium (Potential Intensity) Areas.	**PS23.1** NA. The site is identified as being wholly contained within an area of Potential Impact Buffer. Areas containing potentially hazardous vegetation are located in the surrounding landscape. Adequate separation from areas of hazardous vegetation can be achieved that minimise potential exposure to bushfire hazards.
PO24 Major risks to the safety or property and to the wellbeing of occupants in areas mapped as Very High to Medium (Potential Intensity) Areas is minimised through appropriate siting, servicing and managing of residential premises	**AO24.1** New dwellings on land mapped as Very High to Medium (Potential Intensity) Areas are located: a. Centrally within existing cleared areas on a lot which allows a regular shaped area (with a minimum dimension of 50m) of 5,000m2 to be identified that: i. is free of highly combustible vegetated areas; and ii. is on southerly to easterly facing slopes not exceeding 15% gradient; or iii. on flat lands at the base of north to western facing slopes not exceeding 15% gradient. b. A fire protection buffer is established around the complete perimeter of the dwelling unit within a lot for a minimum width of 50m.	NA. The development does not include the construction of a dwelling.

State Planning Policy (SPP)

The Queensland Government's State Planning Policy (SPP) for Natural Hazards (Bushfire) contains development assessment requirements that developments in bushfire prone areas are required to address. The Code proposes Performance outcomes and Acceptable outcomes which have been addressed through Proposed Solutions.

The State Planning Policy (July 2017) provides a comprehensive set of principles which underpin Queensland's planning system to guide local government and the state government in land use planning and development assessment. The State's interest in relation to natural hazards is: "The risks associated with natural hazards are avoided or mitigated to protect people and property and enhance the community's resilience to natural hazards". The State Planning Policy (July 2017) development assessment requirements have been addressed in Table 5.

Table 5 State Planning Policy development assessment requirements (Natural hazards, risk and resilience - Bushfire)

Assessment Benchmark	Development Assessment Requirement	Proposed Solution
Applicable development	A development application for a material change of use, reconfiguration of a lot or operational works on premises in any of the following: 2. bushfire prone areas 3. flood hazard areas 4. landslide hazard areas 5. storm tide inundation areas 6. erosion prone area.	Development constitutes an MCU in an area identified as a bushfire prone land.
3	Bushfire, flood, landslide, storm tide inundation, and erosion prone areas outside the coastal management district: Development other than that assessed against (1) above, avoids natural hazard areas, or where it is not possible to avoid the natural hazard area, development mitigates the risks to people and property to an acceptable or tolerable level.	PS1. The development is located in an area of mapped Potential Impact Buffer with adjacent areas of Medium Potential Bushfire Intensity by the Queensland Government Development Assessment Mapping System Natural Hazards Risk and Resilience mapping (Bushfire). The South Burnett Regional Council utilises the State mapping system for bushfire hazard. A desktop assessment was conducted to identify the mapped VHC classes and the level of potential bushfire hazard present. Advice to determine the Bushfire Hazard Exposure of the proposed development was prepared to identify measures to mitigate the risks to people and property to an acceptable level. The proposed development avoids natural hazard areas by the minimum setback of 15 metres from potentially hazardous vegetation to the southwest and 25 metres to the northeast.
4	All natural hazard areas: Development supports and does not hinder disaster management response or recovery capacity and of capabilities.	PS2. Development, comprising the extension of an existing cattle feedlot is proposed to occur at the site in an area mapped by the Queensland Government Development Assessment Mapping System as comprising Potential Impact Buffer and

		adjacent areas of Medium Potential Bushfire Intensity. The development actively assists and supports disaster management capacity and capabilities by: 1. The site retains a water supply on site which exceeds the minimum required 10,000 litres; 2. Providing ready access to a water supply suitable for fire-fighting purposes. This can be achieved by provision of a dedicated on-site water storage system that permanently holds a minimum of 10,000 litres for fire fighting purposes; and 3. Managing potentially hazardous fuel loads on the site.
5	All natural hazard areas: Development directly, indirectly and cumulatively avoids an increase in the severity of the natural hazard and the potential for damage on the site or to other properties	PS3. The development takes into consideration topography, location of existing vegetation and potential natural hazards. The site comprises mown/grazed grass with scattered trees, areas of woodland are present in the surrounding landscape to the southwest and northeast. Mitigation measures identified include: 4. Maintenance of vegetation (including understorey) on the site to prevent the accumulation of hazardous fuel loads; and 5. Landscaping near buildings to consist of plants that have low flammability.
6	All natural hazard areas: Risks to public safety and the environment from the location of hazardous materials and the release of these materials as a result of a natural hazard are avoided.	PS4. Development comprises the extension of an existing cattle feedlot. It does not involve the location or use of hazardous materials within areas of potential bushfire hazard.
7	All natural hazard areas: The natural processes and the protective function of landforms and the vegetation that can mitigate risks associated with the natural hazard are maintained or enhanced.	PS5 The development seeks to maintain the protective function of landforms and vegetation present on the site by: 6. Ongoing and effective management of vegetation on the site; 7. Separation from hazardous, upslope vegetation, 8. Retaining the natural landform by minimising the extent of major earthworks required; and 9. Ensuring that any landscape plantings are compatible with the natural environment and do not contribute to an elevated bushfire hazard.

		The existing Old Wondai Road located approximately 34 metres southwest of the site provides additional bushfire hazard mitigation opportunities/capacity. This existing road reserve fragments the hazardous vegetation, providing additional protection in the event of a bushfire. Incorporation of these measures in the development will enable natural processes and functions to continue and aid in the mitigation of risks associated with potential natural hazards.

Recommendations to maintain an acceptable bushfire hazard exposure outcome

The following recommendations are made for the proposed development with reference to the potential bushfire hazard exposure of the site:

- The proposed development can be sited over the majority of the lot while maintaining a maximum radiant heat flux of <29 kW/m2, ensuring that a minimum 15m setback between structures and the western boundary is maintained;
- That potential buildings are designed and constructed to meet the requirements of the relevant building standards prevailing at the time. This includes AS3959 – 2018, the BCA and relevant Council bylaws and building regulations.
- Class 10 buildings or structures (e.g. fences) are constructed using non-combustible materials (.e.g. steel cattle rail panels)
- That vegetation be managed on the site to minimise the accumulation of hazardous fuel loads and to control understory woody and highly flammable weeds such as lantana.
- That any landscaping works utilise plant species and design principles suitable for bushfire prone areas.
- That the site maintains a dedicated permanent water supply with a minimum 10,000L which is capable of supplying water for fire-fighting purposes.

We trust that the enclosed information is suitable for your purposes. Please do not hesitate to contact the author if you have any further queries on 0400 451 600 or will.gibson@rangeenviro.com.au.

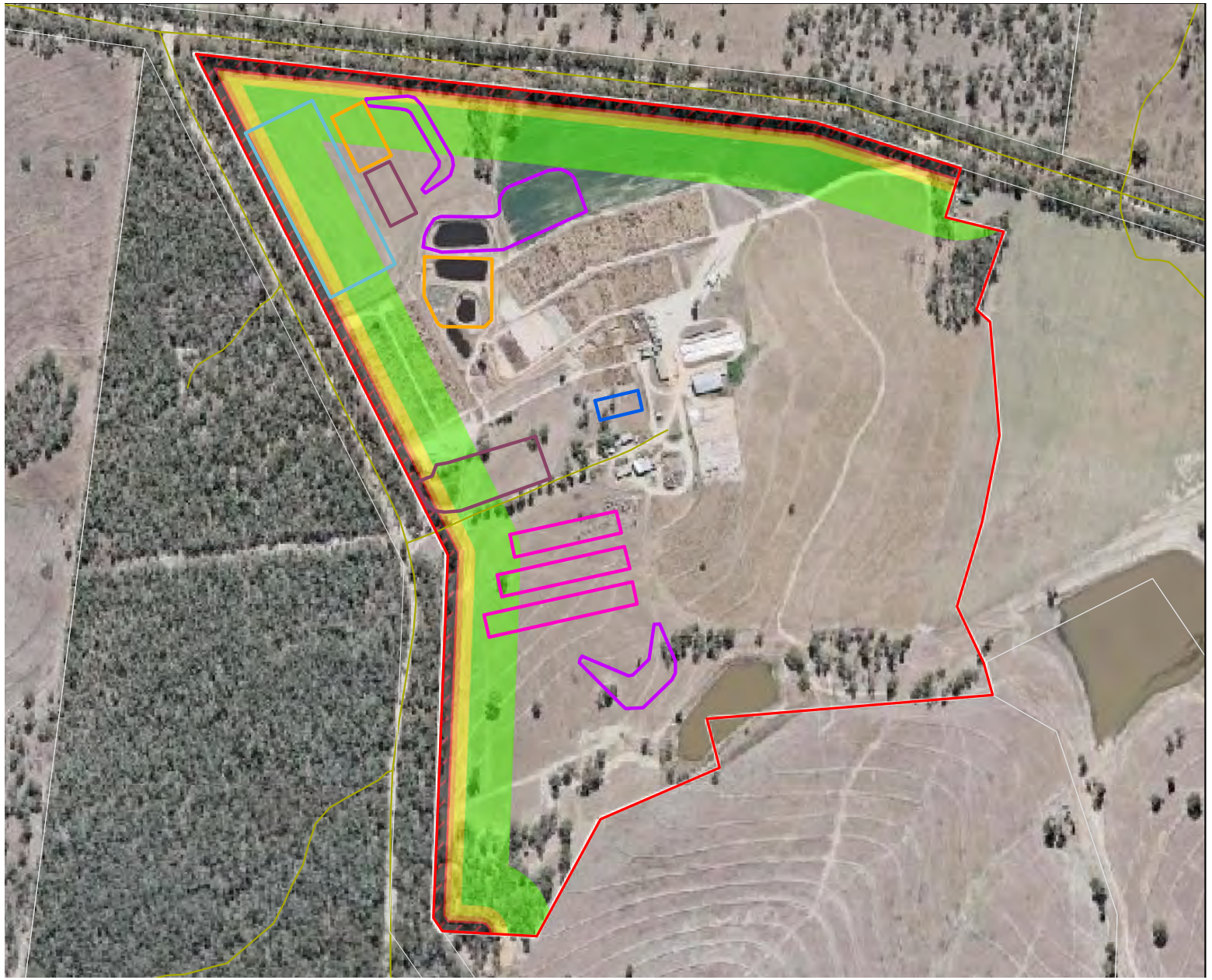
Yours sincerely,



Will Gibson
Senior Ecologist
Range Environmental Consultants

- Attachment 1 - Bushfire Hazard Exposure Map
- Attachment 2 – Calculation of Bushfire Hazard
- Attachment 3 – SPP Bushfire Hazard Map
- Attachment 4 – DA plans

Attachment 1 Bushfire Hazard Exposure Map



Attachment 1 Bushfire Hazard Exposure

Project: Pakaderinga Feedlot

Client: Pakaderinga Feedlot

Project No.: J001523

Compiled by: HB Date: 21/09/2023
Approved by: WG Date: 21/09/2023

Metres
0 90 180

Legend

- Cadastre
- Roads
- Site Boundary

Proposed Development

- Holding Pond
- Manure Pad
- Pens
- Covered Pens
- Arrival/Dispatch
- Basin

Bushfire Hazard Exposure

- <12.5 kW/m2
- <19 kW/m2
- <29 kW/m2
- <40 kW/m2
- >40 kW/m2

The content of this document includes third party data. Range Environmental Consultants does not gaurantee the accuracy of such data.

Source: Cadastral data sourced from DNRME (2021)

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range environmental consultants

Attachment 2 Calculation of Bushfire Hazard

In accordance with SPP guidance material (Bushfire Resilient Communities (QFES 2019) the vegetation hazard class (VHC) mapping was reviewed and confirmed to accurately represent the on-ground matters through a field assessment.

Vegetation hazard class and 80th percentile potential fuel load inputs from QFES (2019) were utilised to determine the radiant heat exposure using a Method 2 Calculator.

Attributes taken into consideration when calculating bushfire hazards include bark fuel, elevated fuel, near-surface fuel, and surface fuel as illustrated in Figure 1.

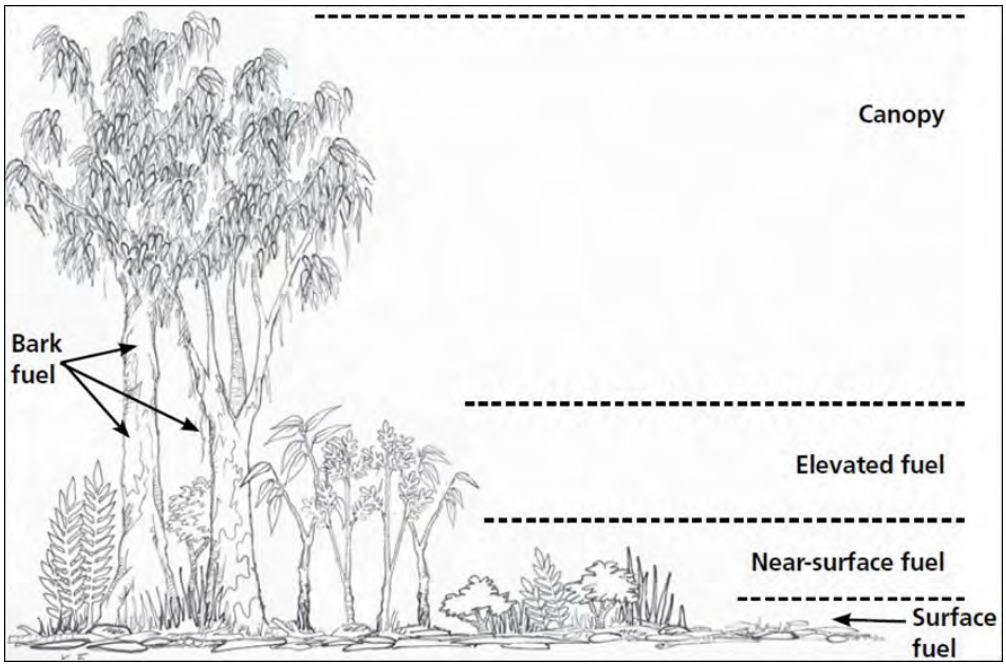


Figure 1 Fuel hazard layers used to determine the overall fuel hazard for a site. (Image from Overall fuel hazard assessment guide 2010).

Determination of Bushfire Attack Level – AS3959-2018

The bushfire hazard that buildings could potentially be exposed to was calculated using the Australian Standard Construction of buildings in bushfire-prone areas (AS3959-2018) Method 2 and fuel loads consistent with the post-development VHCs as set out in SPP technical reference guide 'Bushfire Resilient Communities' (2019). AS 3959-2018 identifies the level of construction required for the purpose of ensuring that a building is constructed to withstand a potential bushfire attack. This Standard is primarily concerned with improving the ability of buildings in designated bushfire-prone areas to better withstand attack from bushfire, thus giving a measure of protection to the building occupants (until the fire front passes) as well as to the building itself. AS3959-2018 requires that vegetation be assessed within 100 metres of a building when determining the Bushfire Attack Level.

Bushfire Resilient Communities Technical Reference Guide for the State Planning Policy State Interest 'Natural Hazards, Risk and Resilience - Bushfire' (2019) requires that bushfire hazard is to be assessed within 150m of the development footprint.

Determination of FDI

Adopting a worst case scenario, an FDI of 57 was used for the site when calculating Bushfire Attack Levels (BAL) for 'the site'. Figure 2 provides a Fire Danger Index (FDI) map of Southeast Queensland and identifies the location of the site.

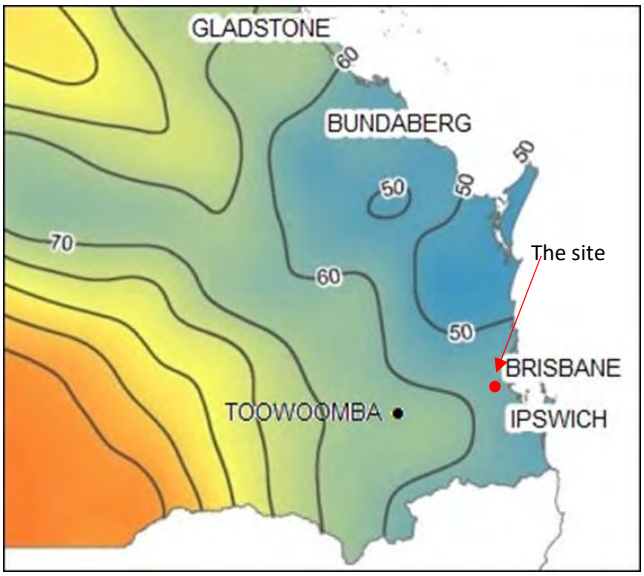


Figure 2 FDI map for Southeast Queensland. Leonard. J. A New Methodology for State-wide Mapping of Bushfire Prone Areas in Queensland. 2014

The potential radiant heat flux was calculated using the Australian Standard Construction of buildings in bushfire-prone areas (AS3959-2018) Method 2 for representative areas level with, and upslope of the site.

In assessing vegetation classes for forests, woodlands and rainforests, the classified vegetation will be determined by the unmanaged understorey rather than either the canopy (drip line) or trunk of any trees. (AS3959-2018).

The desktop assessment identified that vegetation surrounding the site aligned with VHC 9.2 *Moist to dry eucalypt woodlands on costal lowlands and ranges*. Figure 3 shows the Method 2 calculations in relation to the area of southwest of the development using an effective slope and a site slope of 0°. Figure 4 shows the method 2 calculations in relation to the area to the northeast of the development using an effective slope and a site slope of 3°.

SPP Bushfire Asset Protection Zone Width Calculator			
VARIABLE DESCRIPTION	**VARIABLE**	**UNITS**	**VALUE**
Input Values			
FIRE WEATHER SEVERITY	**FDI**		60.00
VEGETATION HAZARD CLASS	**VHC**	-	9.2 Moist to dry eucalypt woodland on coastal lowlands and ranges
REMNANT STATUS	**-**	-	Remnant
SLOPE TYPE (UPSLOPE OR DOWNSLOPE)	**ST**	-	Upslope
EFFECTIVE SLOPE UNDER THE HAZARDOUS VEGETATION	**eSlope**	degrees	1.00
SLOPE BETWEEN SITE AND HAZARDOUS VEGETATION	**θ**	degrees	1.00
DISTANCE OF THE SITE FROM HAZARDOUS VEGETATION	**d**	m	15.00
Output Values			
SURFACE FUEL LOAD	**-**	t/ha	11.40
NEAR SURFACE FUEL LOAD	**-**	t/ha	3.50
BARK FUEL LOAD	**-**	t/ha	1.30
ELEVATED FUEL LOAD	**-**	t/ha	1.00
TOTAL OVERALL FUEL LOAD	**W**	t/ha	17.20
TOTAL SURFACE FUEL LOAD	**w**	t/ha	14.90
POTENTIAL FIRE LINE INTENSITY	**I**	kW/m	9534
RADIANT HEAT FLUX	**q**	kW/m^2	28.50
BUSHFIRE ATTACK LEVEL (AS 3959-2018)	**BAL**	-	BAL 29

DISCLAIMER: Fire-line intensity and radiant heat calculations where effective slope exceeds 20 degrees (downslope) or 15 degrees (upslope) may be unreliable. In these locations, specialist assessment is warranted.

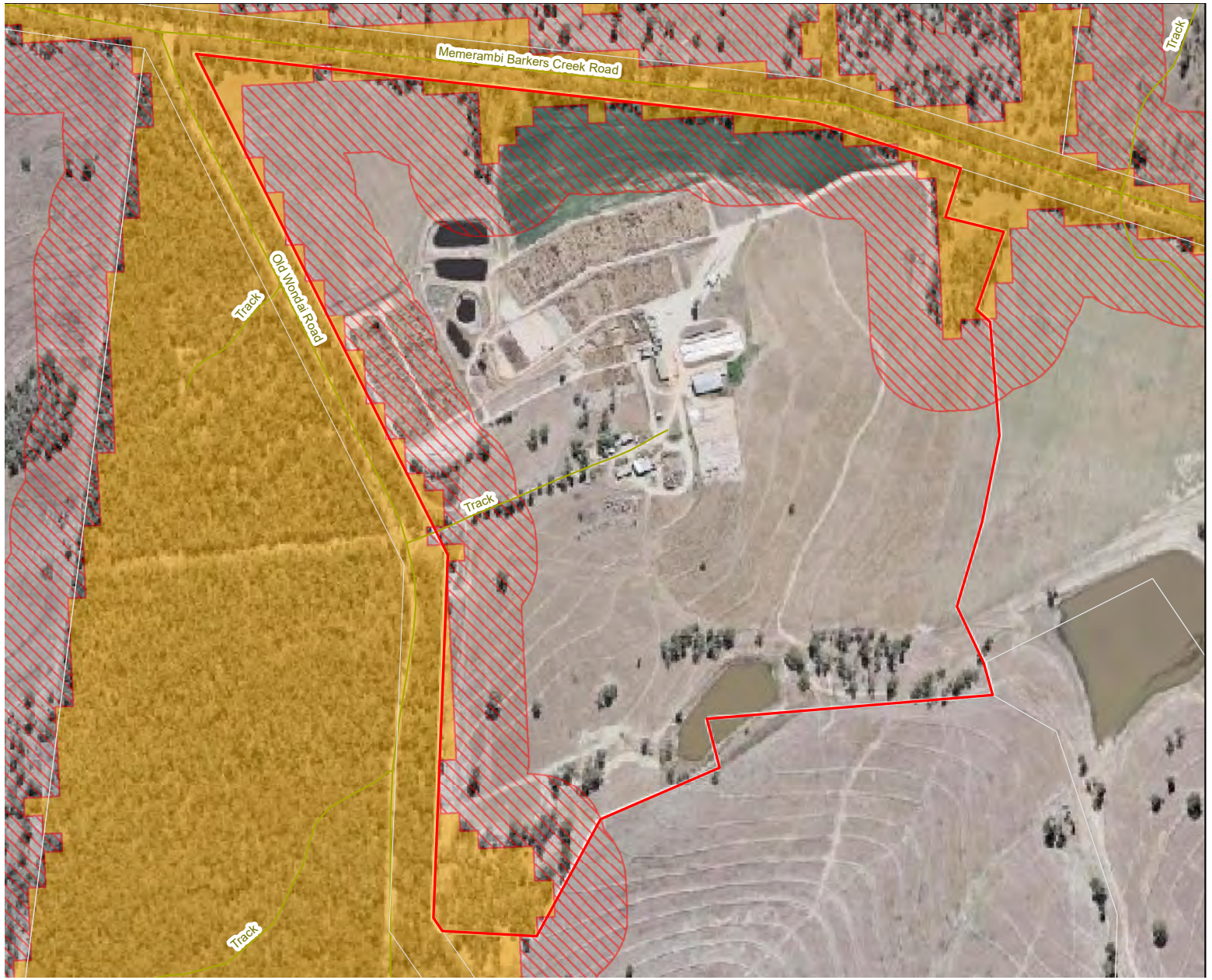
Figure 3 Method 2 calculations (VHC 9.2 upslope of the proposed development to the southwest)

SPP Bushfire Asset Protection Zone Width Calculator			
VARIABLE DESCRIPTION	**VARIABLE**	**UNITS**	**VALUE**
Input Values			
FIRE WEATHER SEVERITY	**FDI**		60.00
VEGETATION HAZARD CLASS	**VHC**	-	9.2 Moist to dry eucalypt woodland on coastal lowlands and ranges
REMNANT STATUS	**-**	-	Remnant
SLOPE TYPE (UPSLOPE OR DOWNSLOPE)	**ST**	-	Downslope
EFFECTIVE SLOPE UNDER THE HAZARDOUS VEGETATION	**eSlope**	degrees	3.00
SLOPE BETWEEN SITE AND HAZARDOUS VEGETATION	**θ**	degrees	3.00
DISTANCE OF THE SITE FROM HAZARDOUS VEGETATION	**d**	m	25.00
Output Values			
SURFACE FUEL LOAD	**-**	t/ha	11.40
NEAR SURFACE FUEL LOAD	**-**	t/ha	3.50
BARK FUEL LOAD	**-**	t/ha	1.30
ELEVATED FUEL LOAD	**-**	t/ha	1.00
TOTAL OVERALL FUEL LOAD	**W**	t/ha	17.20
TOTAL SURFACE FUEL LOAD	**w**	t/ha	14.90
POTENTIAL FIRE LINE INTENSITY	**I**	kW/m	11726
RADIANT HEAT FLUX	**q**	kW/m^2	18.77
BUSHFIRE ATTACK LEVEL (AS 3959-2018)	**BAL**	-	BAL 19

DISCLAIMER: Fire-line intensity and radiant heat calculations where effective slope exceeds 20 degrees (downslope) or 15 degrees (upslope) may be unreliable. In these locations, specialist assessment is warranted.

Figure 4 Method 2 calculations (VHC 9.2 downslope of the proposed development to the northeast)

Attachment 3 SPP Bushfire Hazard Map



Attachment 3 SPP Bushfire Hazard Map

Project: Pakaderinga Feedlot

Client: Pakaderinga Feedlot

Project No.: J001523

Compiled by: HB Date: 21/09/2023
Approved by: WG Date: 21/09/2023

Metres
0 90 180

Legend

- Cadastre
- Roads
- Site Boundary

Bushfire Hazard

- Very High Potential Bushfire Intensity
- High Potential Bushfire Intensity
- Medium Potential Bushfire Intensity
- Potential Impact Buffer

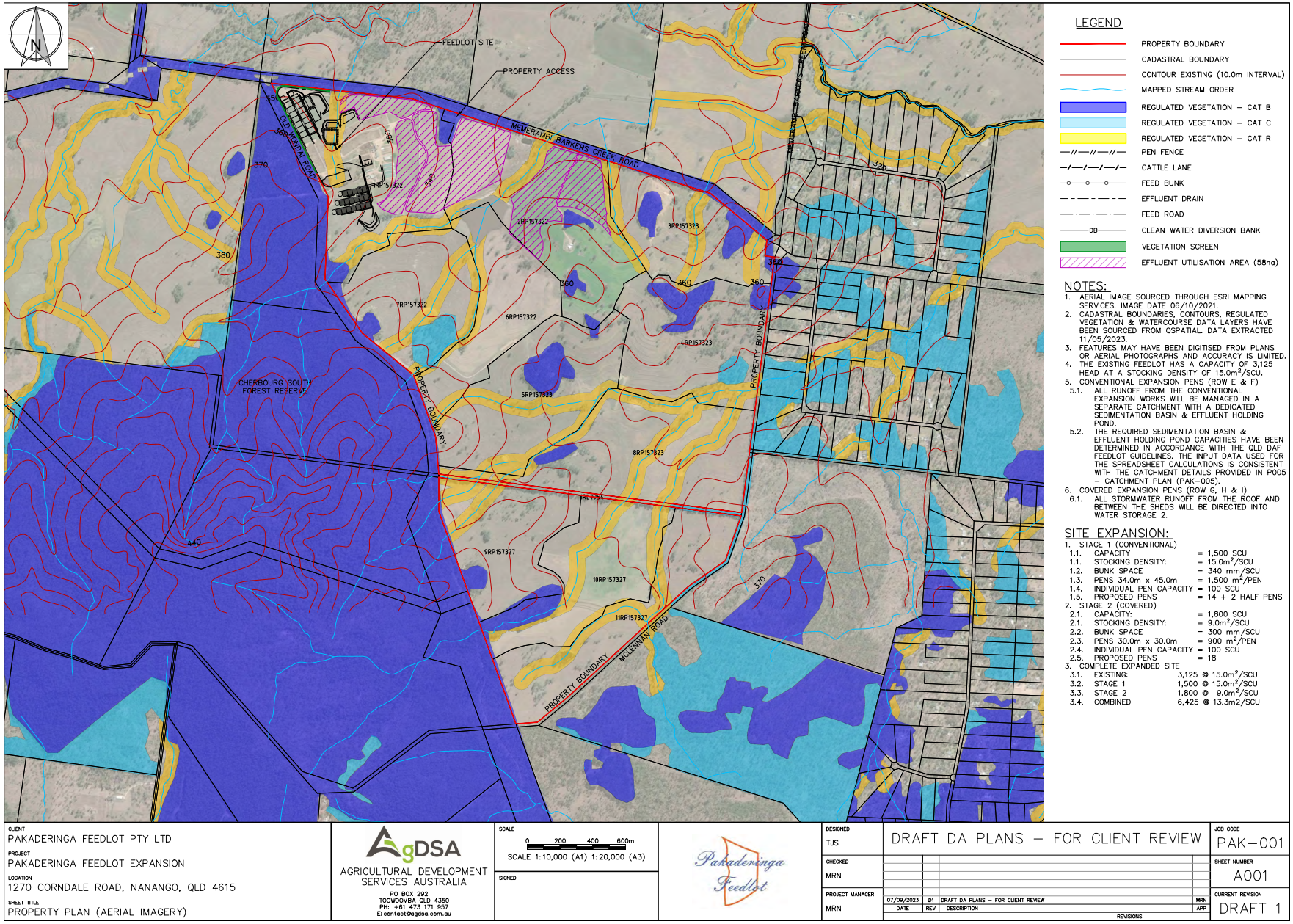
The content of this document includes third party data. Range Environmental Consultants does not gaurantee the accuracy of such data.

Source: Cadastral data sourced from DNRME (2021)

N

range environmental consultants

Attachment 4 – DA plan


N
FEEDLOT SITE
PROPERTY ACCESS
MEMERAMBI BARKERS CREEK ROAD
OLD MONDA ROAD
MEMERAMBI BARKERS CREEK ROAD
1RP157322
2RP157322
3RP157323
TRP157322
6RP157322
4RP157323
5RP157323
8RP157323
9RP157327
10RP157327
11RP157327
CHERBOURG SOUTH FOREST RESERVE
PROPERTY BOUNDARY
PROPERTY BOUNDARY
PROPERTY BOUNDARY
MCLENNAN ROAD
LEGEND
PROPERTY BOUNDARY
CADASTRAL BOUNDARY
CONTOUR EXISTING (10.0m INTERVAL)
MAPPED STREAM ORDER
REGULATED VEGETATION – CAT B
REGULATED VEGETATION – CAT C
REGULATED VEGETATION – CAT R
PEN FENCE
CATTLE LANE
FEED BUNK
EFFLUENT DRAIN
FEED ROAD
DB
CLEAN WATER DIVERSION BANK
VEGETATION SCREEN
EFFLUENT UTILISATION AREA (58ha)
NOTES:
1. AERIAL IMAGE SOURCED THROUGH ESRI MAPPING SERVICES. IMAGE DATE 06/10/2021.
2. CADASTRAL BOUNDARIES, CONTOURS, REGULATED VEGETATION & WATERCOURSE DATA LAYERS HAVE BEEN SOURCED FROM QSPATIAL. DATA EXTRACTED 11/05/2023.
3. FEATURES MAY HAVE BEEN DIGITISED FROM PLANS OR AERIAL PHOTOGRAPHS AND ACCURACY IS LIMITED.
4. THE EXISTING FEEDLOT HAS A CAPACITY OF 3,125 HEAD AT A STOCKING DENSITY OF 15.0m²/SCU.
5. CONVENTIONAL EXPANSION PENS (ROW E & F)
5.1. ALL RUNOFF FROM THE CONVENTIONAL EXPANSION WORKS WILL BE MANAGED IN A SEPARATE CATCHMENT WITH A DEDICATED SEDIMENTATION BASIN & EFFLUENT HOLDING POND.
5.2. THE REQUIRED SEDIMENTATION BASIN & EFFLUENT HOLDING POND CAPACITIES HAVE BEEN DETERMINED IN ACCORDANCE WITH THE QLD DAF FEEDLOT GUIDELINES. THE INPUT DATA USED FOR THE SPREADSHEET CALCULATIONS IS CONSISTENT WITH THE CATCHMENT DETAILS PROVIDED IN P005 – CATCHMENT PLAN (PAK–005).
6. COVERED EXPANSION PENS (ROW G, H & I)
6.1. ALL STORMWATER RUNOFF FROM THE ROOF AND BETWEEN THE SHEDS WILL BE DIRECTED INTO WATER STORAGE 2.
SITE EXPANSION:
1. STAGE 1 (CONVENTIONAL)
1.1. CAPACITY = 1,500 SCU
1.1. STOCKING DENSITY: = 15.0m²/SCU
1.2. BUNK SPACE = 340 mm/SCU
1.3. PENS 34.0m x 45.0m = 1,500 m²/PEN
1.4. INDIVIDUAL PEN CAPACITY = 100 SCU
1.5. PROPOSED PENS = 14 + 2 HALF PENS
2. STAGE 2 (COVERED)
2.1. CAPACITY: = 1,800 SCU
2.1. STOCKING DENSITY: = 9.0m²/SCU
2.2. BUNK SPACE = 300 mm/SCU
2.3. PENS 30.0m x 30.0m = 900 m²/PEN
2.4. INDIVIDUAL PEN CAPACITY = 100 SCU
2.5. PROPOSED PENS = 18
3. COMPLETE EXPANDED SITE
3.1. EXISTING: 3,125 @ 15.0m²/SCU
3.2. STAGE 1 1,500 @ 15.0m²/SCU
3.3. STAGE 2 1,800 @ 9.0m²/SCU
3.4. COMBINED 6,425 @ 13.3m2/SCU
CLIENT
PAKADERINGA FEEDLOT PTY LTD
PROJECT
PAKADERINGA FEEDLOT EXPANSION
LOCATION
1270 CORNDALE ROAD, NANANGO, QLD 4615
SHEET TITLE
PROPERTY PLAN (AERIAL IMAGERY)
AgDSA
AGRICULTURAL DEVELOPMENT SERVICES AUSTRALIA
PO BOX 292
TOOWOOMBA QLD 4350
PH: +61 473 171 957
E: contact@agdsa.com.au
SCALE
0 200 400 600m
SCALE 1:10,000 (A1) 1:20,000 (A3)
SIGNED
Pakaderinga Feedlot
DESIGNED
TJS
CHECKED
MRN
PROJECT MANAGER
MRN
DRAFT DA PLANS – FOR CLIENT REVIEW
07/09/2023 D1 DRAFT DA PLANS – FOR CLIENT REVIEW MRN
DATE REV DESCRIPTION APP
REVISIONS
JOB CODE
PAK–001
SHEET NUMBER
A001
CURRENT REVISION
DRAFT 1

RA6-N

Queensland Government

SARA reference: 2312-38335 SRA
Council reference: MCU23/0031

24 May 2024

Chief Executive Officer
South Burnett Regional Council
PO Box 336
KINGAROY QLD 4610
info@sbrc.qld.gov.au

Attention: Darryl Brooks

Dear Mr Brooks,

SARA referral agency response—Pakaderinga Feedlot, 1270 Memerambi Barkers Creek Road, Wattle Camp

(Referral agency response given under section 56 of the *Planning Act 2016*)

The development application described below was confirmed as properly referred by the State Assessment and Referral Agency (SARA) on 31 January 2024.

Response

Outcome:	Referral agency response – with conditions
Date of response:	24 May 2024
Conditions:	The conditions in **Attachment 1** must be attached to any development approval
Advice:	Advice to the applicant is in **Attachment 2**
Reasons:	The reasons for the referral agency response are in **Attachment 3**

Development details

Description:	Development permit – Material change of use for Intensive animal industry (Expansion of existing feedlot to 6,425 SCU and associated infrastructure)
SARA role:	Referral agency
SARA trigger:	Schedule 10, Part 5, Division 4, Table 2, Item 1 (Planning Regulation 2017)

Wide Bay Burnett regional office
Level 1, 7 Takalvan Street, Bundaberg
PO Box 979, Bundaberg QLD 4670

	Non-devolved environmentally relevant activities Schedule 10, Part 9, Division 4, Subdivision 1, Table 1, Item 1 (Planning Regulation 2017) Development impacting on State transport infrastructure and thresholds
SARA reference:	2312-38335 SRA
Assessment manager:	South Burnett Regional Council
Street address:	1270 Memerambi Barkers Creek Road, Wattle Camp
Real property description:	Lot 1 on RP157322; Lot 2 on RP157322; Lot 3 on RP157323; Lot 4 on RP157323; Lot 5 on RP157323; Lot 6 on RP157322; Lot 7 on RP157322; Lot 8 on RP157323; Lot 9 on RP157327; Lot 10 on RP157327; Lot 11 on RP157327
Applicant name:	Pakaderinga Feedlot Q Pty Ltd
Applicant contact details:	c/- AgDSA PO Box 292 TOOWOOMBA QLD 4350 matt.norton@qgdsa.com.au
Environmental Authority:	This referral included an application for an environmental authority under section 115 of the *Environmental Protection Act 1994.* Below are the details of the decision: • Approved • Reference: 2024-08 • Effective date: In accordance with Section 200 of the *Environmental Protection Act 1994* • Prescribed environmentally relevant activity (ERA): ERA 2 – Intensive animal feedlotting 1. keeping the following number of standard cattle units in a feedlot – (b) more than 1,000 but not more than 10,000 If you are seeking further details about the environmental authority, please contact the Department of Agricultural and Fisheries (DAF) at: livestockregulator@daf.qld.gov.au
Human Rights Act 2019 considerations:	A consideration of the 23 fundamental human rights protected under the *Human Rights Act 2019* has been undertaken as part of this decision. It has been determined that this decision does not limit human rights.

Representations

An applicant may make representations to a concurrence agency, at any time before the application is decided, about changing a matter in the referral agency response (s.30 Development Assessment Rules). Copies of the relevant provisions are in **Attachment 4**.

A copy of this response has been sent to the applicant for their information.

2312-38335 SRA

For further information please contact Lawson Costello, Planning Officer, on (07) 3452 7584 or via email WBBSARA@dsdilgp.qld.gov.au who will be pleased to assist.

[redacted]



Luke Lankowski
Manager, Planning – Wide Bay Burnett

cc Pakaderinga Feedlot Q Pty Ltd, matt.norton@agdsa.com.au

enc Attachment 1 - Referral agency conditions
Attachment 2 - Advice to the applicant
Attachment 3 - Reasons for referral agency response
Attachment 4 - Representations about a referral agency response provisions
Attachment 5 - Documents referenced in conditions

Attachment 1—Referral agency conditions

(Under section 56(1)(b)(i) of the *Planning Act 2016* the following conditions must be attached to any development approval relating to this application) (Copies of the documents referenced below are found at Attachment 5)

No.	Conditions	Condition timing
Material change of use for Intensive animal industry (Expansion of existing feedlot to 6,425 SCU and associated infrastructure)		
10.9.4.1.1.1 – Development impacting on State transport infrastructure and thresholds—The chief executive administering the *Planning Act 2016* nominates the Director-General of the Department of Transport and Main Roads to be the enforcement authority for the development to which this development approval relates for the administration and enforcement of any matter relating to the following condition(s):		
1.	The development must be carried out generally in accordance with the following plans: • *Figure 2-1 Locality Plan* of *Traffic Impact Assessment Pakaderinga Feedlot Development* prepared by RMA Engineers, dated 25/10/2023, project no. 23E-0291, revision 1, as amended in red by SARA on 24 May 2024.	At all times

Attachment 2—Advice to the applicant

General advice	
1.	Terms and phrases used in this document are defined in the *Planning Act 2016*, its regulation or the State Development Assessment Provisions (SDAP) (version 3.0). If a word remains undefined it has its ordinary meaning.
National Heavy Vehicle Regulator	
2.	Information submitted with the development application indicates use of B-double type vehicles is intended to service the site. Memerambi-Barkers Creek Road is not identified as an as-of-right route for 26 metre B-double vehicles. It is recommended that you contact the National Heavy Vehicle Regulator to investigate the permits necessary for 26 metre B-double vehicles to access the subject site.

Attachment 3—Reasons for referral agency response

(Given under section 56(7) of the *Planning Act 2016*)

The reasons for the SARA's decision are:

The development can comply with relevant performance outcomes of State code 6: Protection of state transport networks and State code 22: Environmentally relevant activity (SDAP v3.0). Specifically:

- The development is conditioned to ensure is does not adversely impact the safety, physical condition or operating performance of the state-controlled road network.
- The development does not result in a material worsening of stormwater, overland flow or flooding impacts on the state-controlled road network.
- The development does not impede delivery of any planned upgrades of state transport infrastructure.
- The development is suitably located and designed to avoid environmental harm to the acoustic or air environments, adjacent sensitive land uses caused by odour, or receiving waters.
- The development is sited to avoid impacts on matters of state environmental significance.

Material used in the assessment of the application:

- the development application material and submitted plans
- *Planning Act 2016*
- Planning Regulation 2017
- the SDAP (version 3.0), as published by SARA
- the Development Assessment Rules
- SARA DA Mapping system
- section 58 of the *Human Rights Act 2019*

Attachment 4—Representations about a referral agency response provisions

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Development Assessment Rules—Representations about a referral agency response

The following provisions are those set out in sections 28 and 30 of the Development Assessment Rules[1] regarding **representations about a referral agency response**

Part 6: Changes to the application and referral agency responses

28 Concurrence agency changes its response or gives a late response

28.1. Despite part 2, a concurrence agency may, after its referral agency assessment period and any further period agreed ends, change its referral agency response or give a late referral agency response before the application is decided, subject to section 28.2 and 28.3.

28.2. A concurrence agency may change its referral agency response at any time before the application is decided if—

(a) the change is in response to a change which the assessment manager is satisfied is a change under section 26.1; or

(b) the Minister has given the concurrence agency a direction under section 99 of the Act; or

(c) the applicant has given written agreement to the change to the referral agency response.[2]

28.3. A concurrence agency may give a late referral agency response before the application is decided, if the applicant has given written agreement to the late referral agency response.

28.4. If a concurrence agency proposes to change its referral agency response under section 28.2(a), the concurrence agency must—

(a) give notice of its intention to change its referral agency response to the assessment manager and a copy to the applicant within 5 days of receiving notice of the change under section 25.1; and

(b) the concurrence agency has 10 days from the day of giving notice under paragraph (a), or a further period agreed between the applicant and the concurrence agency, to give an amended referral agency response to the assessment manager and a copy to the applicant.

1 Pursuant to Section 68 of the *Planning Act 2016*

2 In the instance an applicant has made representations to the concurrence agency under section 30, and the concurrence agency agrees to make the change included in the representations, section 28.2(c) is taken to have been satisfied.

Part 7: Miscellaneous

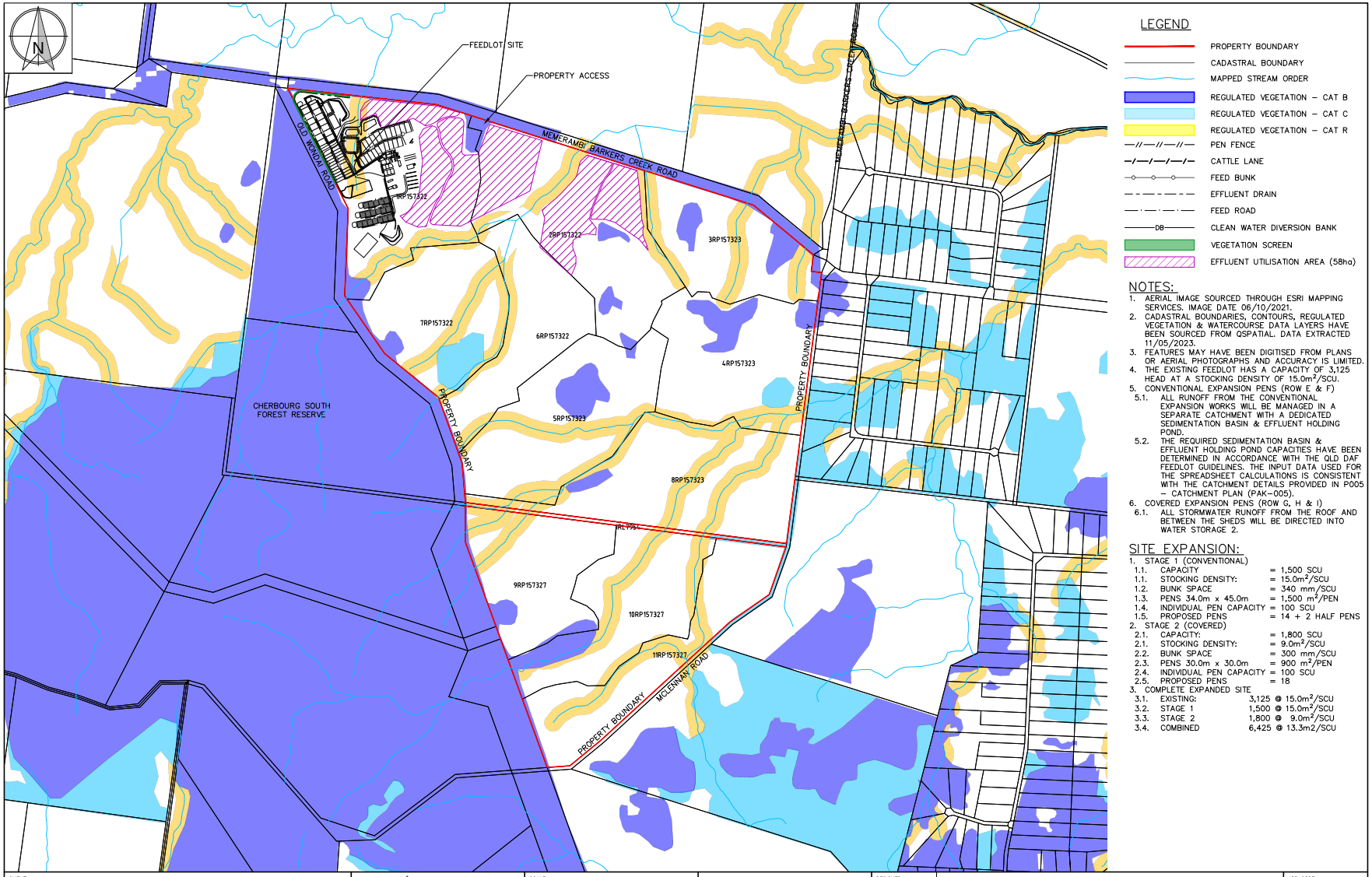
30 Representations about a referral agency response

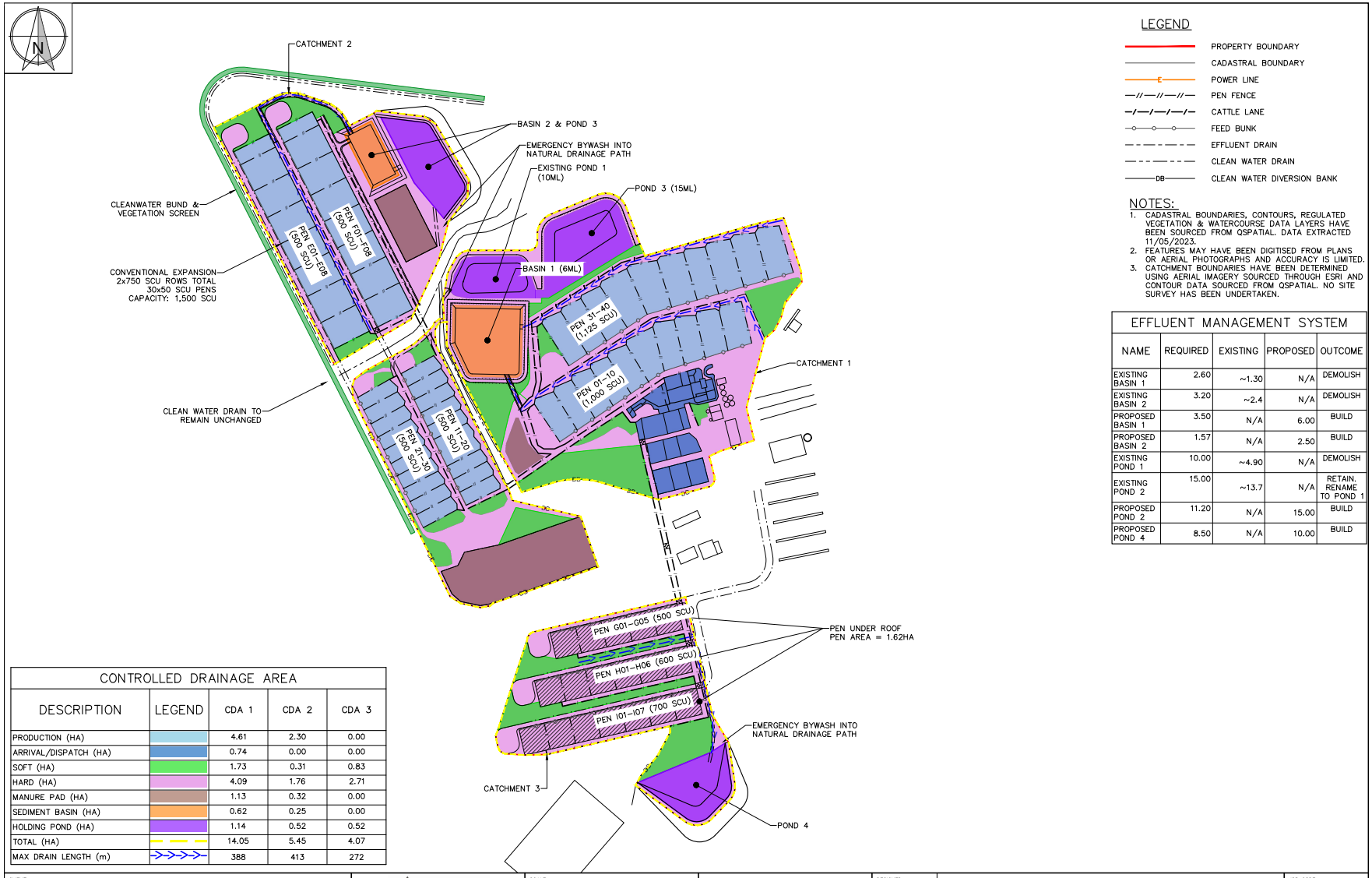
30.1. An applicant may make representations to a concurrence agency at any time before the application is decided, about changing a matter in the referral agency response.[3]

[3] An applicant may elect, under section 32, to stop the assessment manager's decision period in which to take this action. If a concurrence agency wishes to amend their response in relation to representations made under this section, they must do so in accordance with section 28.

Attachment 5—Documents referenced in conditions

(page left intentionally blank)


N
FEEDLOT SITE
PROPERTY ACCESS
MEMERAMBI BARKERS CREEK ROAD
OLD WONDAI ROAD
1RP157322
2RP157322
3RP157323
4RP157323
5RP157323
6RP157322
7RP157322
8RP157323
9RP157327
10RP157327
11RP157327
CHERBOURG SOUTH FOREST RESERVE
PROPERTY BOUNDARY
PROPERTY BOUNDARY
PROPERTY BOUNDARY
MCLENNAN ROAD
LEGEND
PROPERTY BOUNDARY
CADASTRAL BOUNDARY
MAPPED STREAM ORDER
REGULATED VEGETATION – CAT B
REGULATED VEGETATION – CAT C
REGULATED VEGETATION – CAT R
PEN FENCE
CATTLE LANE
FEED BUNK
EFFLUENT DRAIN
FEED ROAD
DB CLEAN WATER DIVERSION BANK
VEGETATION SCREEN
EFFLUENT UTILISATION AREA (58ha)
NOTES:
1. AERIAL IMAGE SOURCED THROUGH ESRI MAPPING SERVICES. IMAGE DATE 06/10/2021.
2. CADASTRAL BOUNDARIES, CONTOURS, REGULATED VEGETATION & WATERCOURSE DATA LAYERS HAVE BEEN SOURCED FROM QSPATIAL. DATA EXTRACTED 11/05/2023.
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5.2. THE REQUIRED SEDIMENTATION BASIN & EFFLUENT HOLDING POND CAPACITIES HAVE BEEN DETERMINED IN ACCORDANCE WITH THE QLD DAF FEEDLOT GUIDELINES. THE INPUT DATA USED FOR THE SPREADSHEET CALCULATIONS IS CONSISTENT WITH THE CATCHMENT DETAILS PROVIDED IN P005 – CATCHMENT PLAN (PAK–005).
6. COVERED EXPANSION PENS (ROW G, H & I)
6.1. ALL STORMWATER RUNOFF FROM THE ROOF AND BETWEEN THE SHEDS WILL BE DIRECTED INTO WATER STORAGE 2.
SITE EXPANSION:
1. STAGE 1 (CONVENTIONAL)
1.1. CAPACITY = 1,500 SCU
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1.3. PENS 34.0m x 45.0m = 1,500 m²/PEN
1.4. INDIVIDUAL PEN CAPACITY = 100 SCU
1.5. PROPOSED PENS = 14 + 2 HALF PENS
2. STAGE 2 (COVERED)
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2.1. STOCKING DENSITY: = 9.0m²/SCU
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2.3. PENS 30.0m x 30.0m = 900 m²/PEN
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3. COMPLETE EXPANDED SITE
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3.3. STAGE 2 1,800 @ 9.0m²/SCU
3.4. COMBINED 6,425 @ 13.3m2/SCU
CLIENT
PAKADERINGA FEEDLOT PTY LTD
PROJECT
PAKADERINGA FEEDLOT EXPANSION
LOCATION
1270 CORNDALE ROAD, NANANGO, QLD 4615
SHEET TITLE
PROPERTY PLAN
AgDSA
AGRICULTURAL DEVELOPMENT SERVICES AUSTRALIA
PO BOX 292
TOOWOOMBA QLD 4350
PH: +61 473 171 957
E: contact@agdsa.com.au
SCALE
0 200 400 600m
SCALE 1:10,000 (A1) 1:20,000 (A3)
SIGNED
Pakaderinga Feedlot
DESIGNED
TJS
CHECKED
MRN
PROJECT MANAGER
MRN
FOR APPROVAL ONLY
DATE REV DESCRIPTION
11/04/2024 B RESPONSE TO RFI MRN
22/09/2023 A ORIGINAL ISSUE FOR APPROVAL ONLY MRN
REVISIONS
JOB CODE
PAK–001
SHEET NUMBER
A002
CURRENT REVISION
B



EFFLUENT MANAGEMENT SYSTEM

NAME	REQUIRED	EXISTING	PROPOSED	OUTCOME
EXISTING BASIN 1	2.60	~1.30	N/A	DEMOLISH
EXISTING BASIN 2	3.20	~2.4	N/A	DEMOLISH
PROPOSED BASIN 1	3.50	N/A	6.00	BUILD
PROPOSED BASIN 2	1.57	N/A	2.50	BUILD
EXISTING POND 1	10.00	~4.90	N/A	DEMOLISH
EXISTING POND 2	15.00	~13.7	N/A	RETAIN. RENAME TO POND 1
PROPOSED POND 2	11.20	N/A	15.00	BUILD
PROPOSED POND 4	8.50	N/A	10.00	BUILD

CONTROLLED DRAINAGE AREA

DESCRIPTION	LEGEND	CDA 1	CDA 2	CDA 3
PRODUCTION (HA)		4.61	2.30	0.00
ARRIVAL/DISPATCH (HA)		0.74	0.00	0.00
SOFT (HA)		1.73	0.31	0.83
HARD (HA)		4.09	1.76	2.71
MANURE PAD (HA)		1.13	0.32	0.00
SEDIMENT BASIN (HA)		0.62	0.25	0.00
HOLDING POND (HA)		1.14	0.52	0.52
TOTAL (HA)		14.05	5.45	4.07
MAX DRAIN LENGTH (m)		388	413	272

CLIENT: PAKADERINGA FEEDLOT PTY LTD
PROJECT: PAKADERINGA FEEDLOT EXPANSION
LOCATION: 1270 CORNDALE ROAD, NANANGO, QLD 4615
SHEET TITLE: CONTROLLED DRAINAGE AREA

AgDSA AGRICULTURAL DEVELOPMENT SERVICES AUSTRALIA
PO BOX 292 TOOWOOMBA QLD 4350
PH: +61 473 171 957
E: contact@agdsa.com.au

SCALE: 0 40 80 120m
SCALE 1:2,000 (A1) 1:4,000 (A3)
SIGNED

Pakaderinga Feedlot

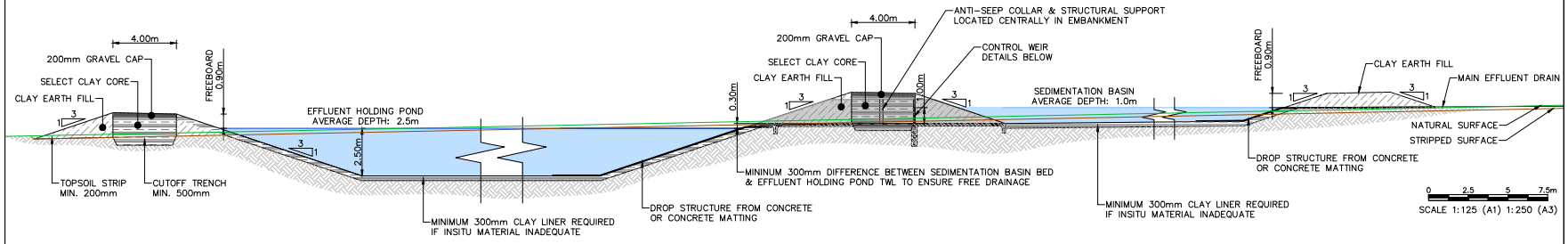
DESIGNED: TJS
CHECKED: MRN
PROJECT MANAGER: MRN

FOR APPROVAL ONLY

DATE	REV	DESCRIPTION	APP
11/04/2024	B	RESPONSE TO RFI	MRN
22/09/2023	A	ORIGINAL ISSUE FOR APPROVAL ONLY	MRN

REVISIONS

JOB CODE: PAK–001
SHEET NUMBER: A005
CURRENT REVISION: B



TYPICAL CROSS SECTION THROUGH EFFLUENT MANAGEMENT SYSTEM

TABLES 1, 2 & 3 DETAIL POTENTIAL FLOW CAPACITIES OF VARIOUS DRAIN CONFIGURATIONS. A MINIMUM DRAIN WIDTH OF 2.5m IS RECOMMENDED TO ALLOW FOR EASE OF MAINTENANCE.

TABLE 1 – 0.50% DRAIN CAPACITY (m^3/s)

DEPTH (m)	DRAIN BED WIDTH (m)						
	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.10	0.130	0.16	0.19	0.22	0.25	0.28	0.31
0.20	0.430	0.53	0.62	0.72	0.81	0.91	1.01
0.30	0.910	1.09	1.27	1.46	1.65	1.83	2.02
0.40	1.560	1.85	2.15	2.44	2.74	3.04	3.35
0.50	2.410	2.83	3.25	3.68	4.11	*4.54	*4.98

DRAINS ASSUMED TO HAVE COMPACTED GRAVEL BASE & INTERNAL BATTERS OF 1:3.
* IDENTIFIES FLOW VELOCITIES GREATER THAN 1.5 m/s WHICH REQUIRE SPECIFIC DRAIN LINING.

TABLE 2 – 0.75% DRAIN CAPACITY (m^3/s)

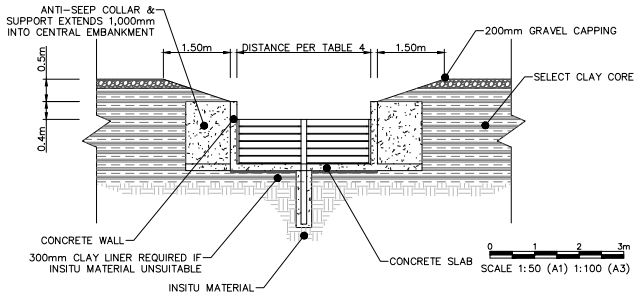
DEPTH (m)	DRAIN BED WIDTH (m)						
	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.10	0.160	0.190	0.230	0.270	0.310	0.340	0.380
0.20	0.530	0.650	0.760	0.880	1	1.110	1.230
0.30	1.110	1.330	1.560	1.790	2.020	2.250	2.480
0.40	1.910	*2.27	*2.63	*2.99	*3.36	*3.73	*4.10
0.50	*2.95	*3.46	*3.98	*4.51	*5.03	*5.56	*6.09

DRAINS ASSUMED TO HAVE COMPACTED GRAVEL BASE & INTERNAL BATTERS OF 1:3.
* IDENTIFIES FLOW VELOCITIES GREATER THAN 1.5 m/s WHICH REQUIRE SPECIFIC DRAIN LINING.

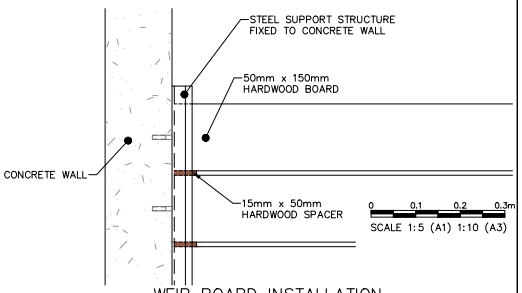
TABLE 3 – 1.0% DRAIN CAPACITY (m^3/s)

DEPTH (m)	DRAIN BED WIDTH (m)						
	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.10	0.180	0.22	0.27	0.31	0.35	0.40	0.44
0.20	0.610	0.75	0.88	1.01	1.15	1.29	1.42
0.30	1.280	*1.54	*1.80	*2.06	*2.33	*2.59	*2.86
0.40	*2.20	*2.62	*3.04	*3.46	*3.88	*4.31	*4.73
0.50	*3.40	*4.00	*4.60	*5.20	*5.81	*6.42	*7.02

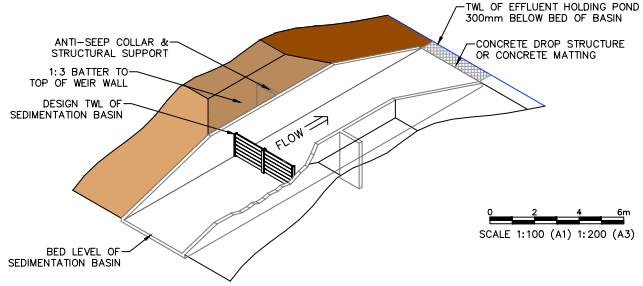
DRAINS ASSUMED TO HAVE COMPACTED GRAVEL BASE & INTERNAL BATTERS OF 1:3.
* IDENTIFIES FLOW VELOCITIES GREATER THAN 1.5 m/s WHICH REQUIRE SPECIFIC DRAIN LINING.



CONTROL WEIR – FRONT ELEVATION



WEIR BOARD INSTALLATION



WEIR INSTALLATION

TABLE 4 DETAILS THE CAPACITY OF VARIOUS RECTANGULAR WEIR CONFIGURATIONS. A MAXIMUM WEIR DEPTH OF 0.5m IS RECOMMENDED. WEIR WIDTH IS DIRECTLY PROPORTIONAL TO FLOW CAPACITY, THEREFORE, THE CAPACITY OF TWO 5.0m WEIR WIDTHS ARE EQUAL TO A SINGLE 10.0m WEIR.

TABLE 4 – WEIR CAPACITY (m^3/s)

DEPTH (m)	WEIR WIDTH (m)						
	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.1	0.11	0.13	0.16	0.19	0.22	0.24	0.27
0.2	0.30	0.38	0.46	0.53	0.61	0.68	0.76
0.3	0.56	0.70	0.84	0.98	1.12	1.26	1.40
0.4	0.86	1.08	1.29	1.51	1.72	1.94	2.15
0.5	1.20	1.50	1.80	2.10	2.40	2.70	3.01
0.6	1.58	1.98	2.37	2.77	3.16	3.56	3.95
0.7	1.99	2.49	2.99	3.48	3.98	4.48	4.98
0.8	2.43	3.04	3.65	4.26	4.87	5.47	6.08

CLIENT: PAKADERINGA FEEDLOT PTY LTD
PROJECT: PAKADERINGA FEEDLOT EXPANSION
LOCATION: 1270 CORNDALE ROAD, NANANGO, QLD 4615
SHEET TITLE: TYPICAL EFFLUENT MANAGEMENT SYSTEM DESIGN

AgDSA AGRICULTURAL DEVELOPMENT SERVICES AUSTRALIA
PO BOX 292 TOOWOOMBA QLD 4350
PH: +61 473 171 957
E: contact@agdsa.com.au

SCALE: AS SHOWN
SIGNED:

Pakaderinga Feedlot

DESIGNED: TJS
CHECKED: MRN
PROJECT MANAGER: MRN

FOR APPROVAL ONLY

DATE	REV	DESCRIPTION	APP
22/09/2023	A	ORIGINAL ISSUE FOR APPROVAL ONLY	MRN

REVISIONS

JOB CODE: PAK–001
SHEET NUMBER: A007
CURRENT REVISION: A

PLANS AND DOCUMENTS
referred to in the REFERRAL
AGENCY RESPONSE

Queensland Government

SARA ref: 2312-38335 SRA

Date: 24 May 2024

RMA Engineers

TRAFFIC IMPACT ASSESSMENT

Pakaderinga Feedlot Development

Traffic Engineering Report

Client Pakaderinga Feedlot Q Pty Ltd
Project Number 23E-0291

REPORT CONTROL SHEET

Report Details	
Report Title:	Traffic Impact Assessment – Pakaderinga Feedlot – Memerambi Barkers Creek Road | Wattle Camp
Project No.:	23E-0291
Site:	1270 Memerambi Barkers Creek Road, Wattle Camp QLD 4615
Author:	Michael Silva

Document Control					
Revision	**Author**	**Reviewer**	**Approved for Issue**		
			Name	**[redacted]ignature**	**Date**
1	M Silva	A Gwatking	A Gwatking	[redacted] NER, CPEng, RPEQ: 15158	25 / 10 / 2023

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Disclaimer:

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The conclusions in this report should not be read in isolation. We recommend that its contents be reviewed in person with the author so that the assumptions and available information can be discussed in detail to enable the reader to make their own risk assessment in conjunction with information from other sources.

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2. Proposed development

2.1 Location and descriptions

The subject site, referred to as 'Pakaderinga', is situated on Lot 1 RP157322 and Lots 2-8 RP157322/3. Pakaderinga is accessed along Memerambi Barkers Creek Road, approximately halfway between the Bunya Highway (west) and the Burnett Highway (east). The development is located within the SBRC local government area, approximately 12km east of Memerambi and 14.5km north-west of the Kingaroy town centre.

The total area of Lots 1-8 is 515ha and is surrounded by grazing, cropping, and nature conservation land uses as per the SBRC Planning Scheme. The property currently consists of a 3,125 SCU feedlot mostly confined to Lot 1 (refer to **Figure 2-2** for lot layout).

The site and its environs are illustrated on the locality plans in **Figure 2-1**.

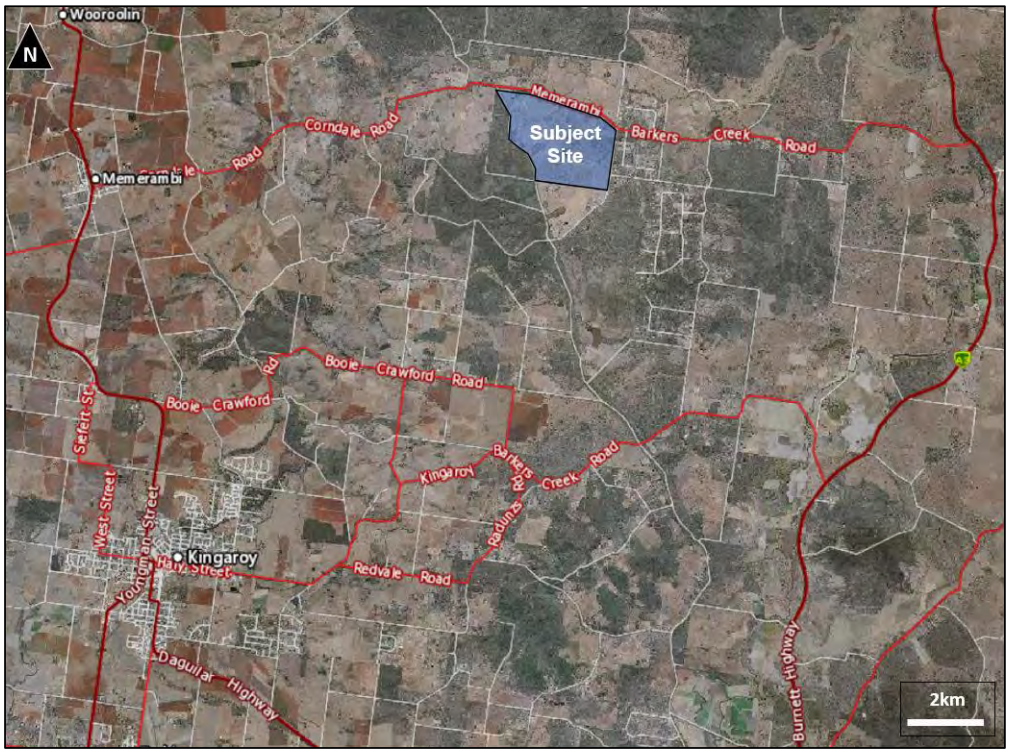
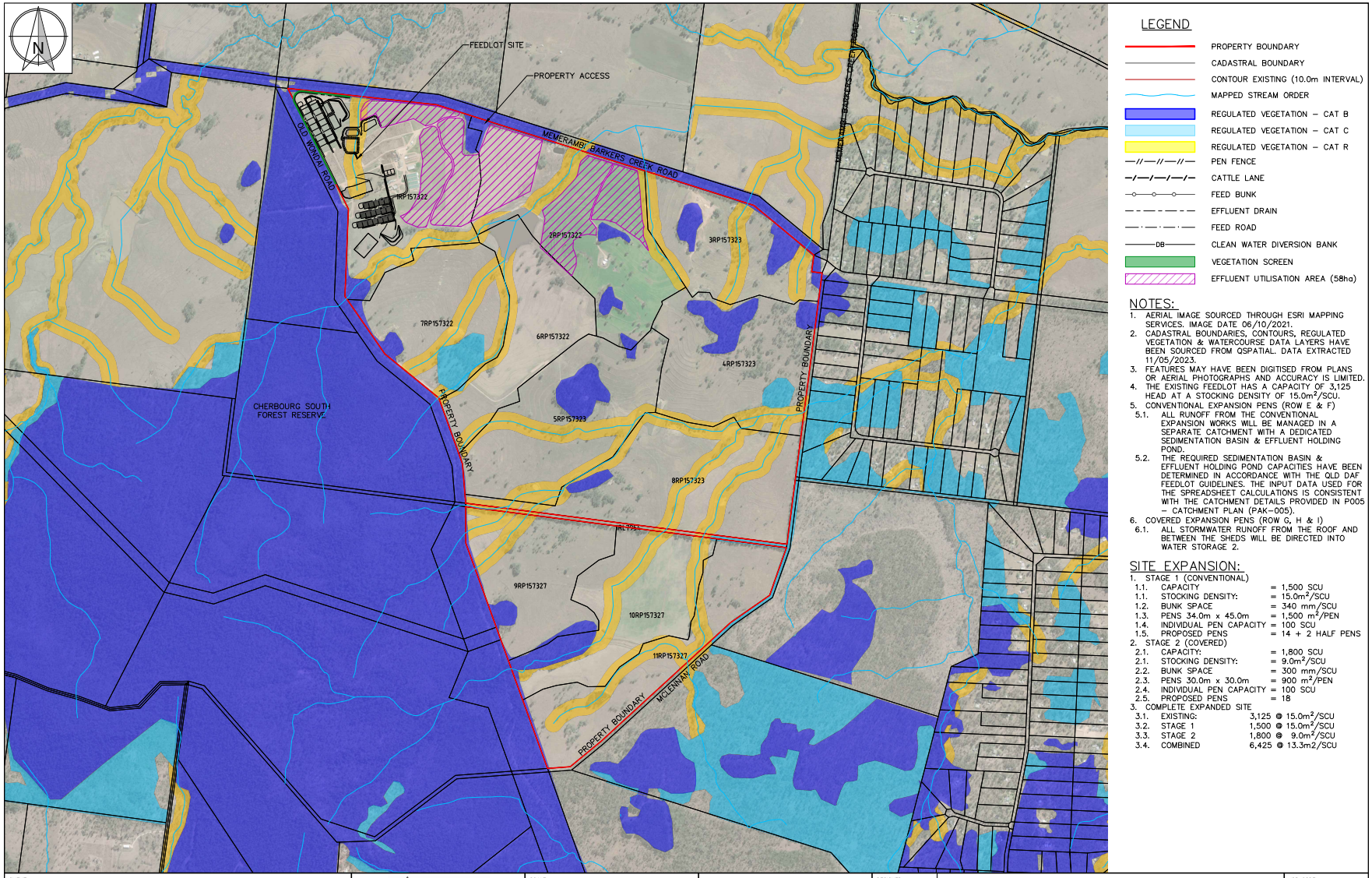
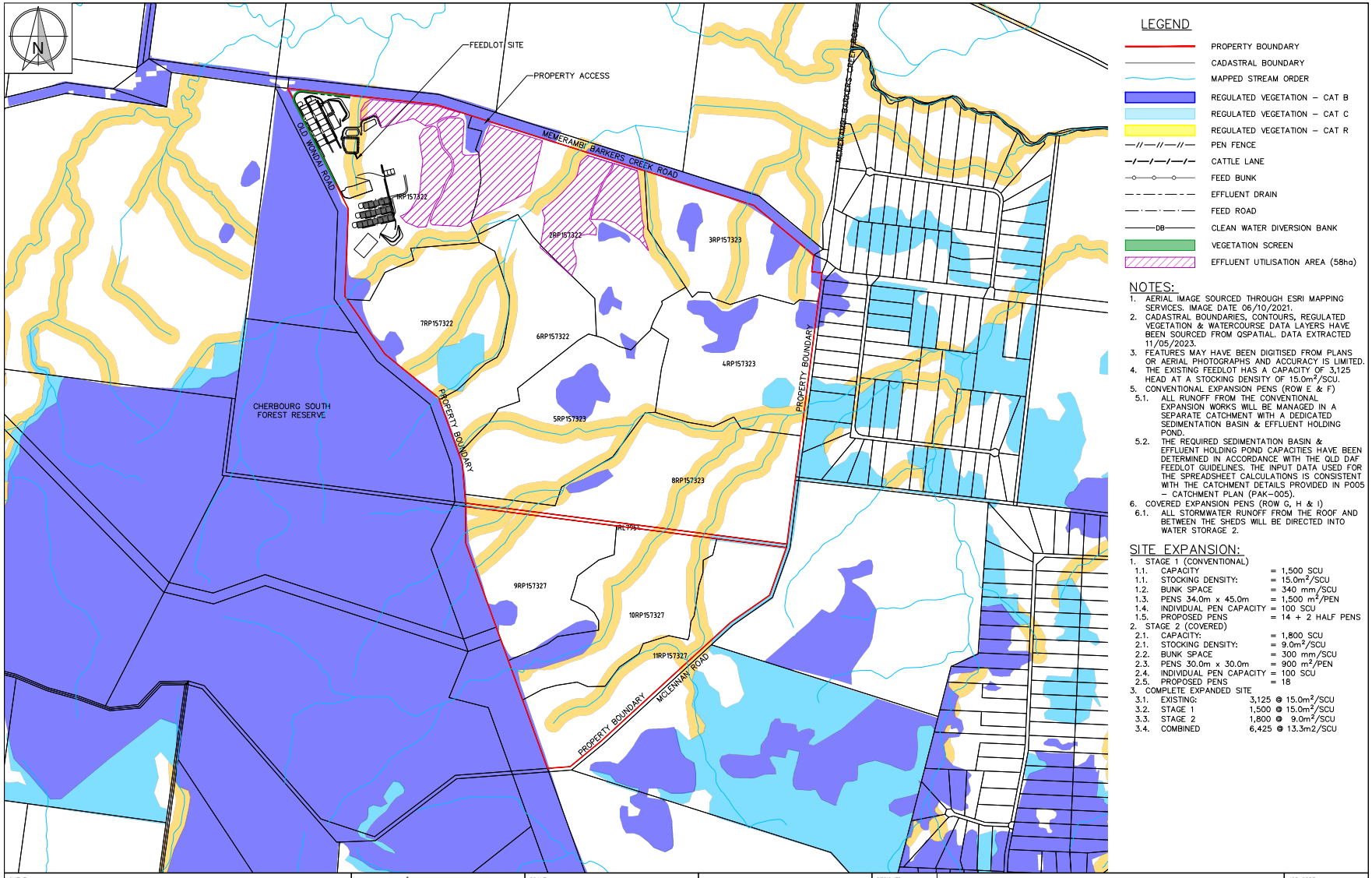
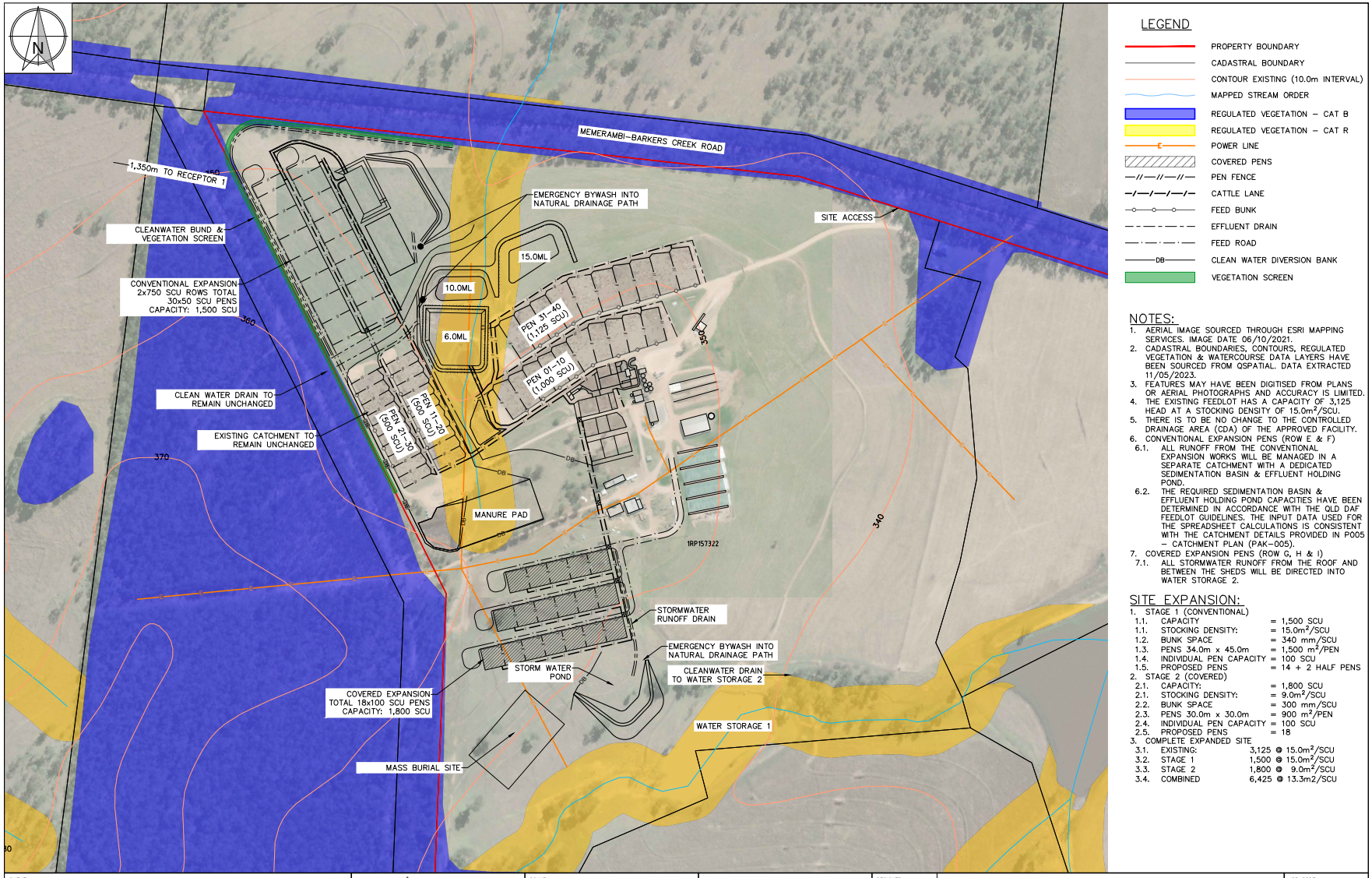


Figure 2-1 Locality plan

Amended in red by SARA on
24 May 2024


N
FEEDLOT SITE
PROPERTY ACCESS
OLD WONDAI ROAD
MEMERAMBI BARKERS CREEK ROAD
HERITAGE BARKERS CREEK ROAD
1RP157322
2RP157322
3RP157323
4RP157323
5RP157323
6RP157322
7RP157322
8RP157323
9RP157327
10RP157327
11RP157327
CHERBOURG SOUTH FOREST RESERVE
PROPERTY BOUNDARY
PROPERTY BOUNDARY
PROPERTY BOUNDARY
MCLENNAN ROAD
LEGEND
PROPERTY BOUNDARY
CADASTRAL BOUNDARY
CONTOUR EXISTING (10.0m INTERVAL)
MAPPED STREAM ORDER
REGULATED VEGETATION – CAT B
REGULATED VEGETATION – CAT C
REGULATED VEGETATION – CAT R
PEN FENCE
CATTLE LANE
FEED BUNK
EFFLUENT DRAIN
FEED ROAD
DB
CLEAN WATER DIVERSION BANK
VEGETATION SCREEN
EFFLUENT UTILISATION AREA (58ha)
NOTES:
1. AERIAL IMAGE SOURCED THROUGH ESRI MAPPING SERVICES. IMAGE DATE 06/10/2021.
2. CADASTRAL BOUNDARIES, CONTOURS, REGULATED VEGETATION & WATERCOURSE DATA LAYERS HAVE BEEN SOURCED FROM QSPATIAL. DATA EXTRACTED 11/05/2023.
3. FEATURES MAY HAVE BEEN DIGITISED FROM PLANS OR AERIAL PHOTOGRAPHS AND ACCURACY IS LIMITED.
4. THE EXISTING FEEDLOT HAS A CAPACITY OF 3,125 HEAD AT A STOCKING DENSITY OF 15.0m²/SCU.
5. CONVENTIONAL EXPANSION PENS (ROW E & F)
5.1. ALL RUNOFF FROM THE CONVENTIONAL EXPANSION WORKS WILL BE MANAGED IN A SEPARATE CATCHMENT WITH A DEDICATED SEDIMENTATION BASIN & EFFLUENT HOLDING POND.
5.2. THE REQUIRED SEDIMENTATION BASIN & EFFLUENT HOLDING POND CAPACITIES HAVE BEEN DETERMINED IN ACCORDANCE WITH THE QLD DAF FEEDLOT GUIDELINES. THE INPUT DATA USED FOR THE SPREADSHEET CALCULATIONS IS CONSISTENT WITH THE CATCHMENT DETAILS PROVIDED IN P005 – CATCHMENT PLAN (PAK–005).
6. COVERED EXPANSION PENS (ROW G, H & I)
6.1. ALL STORMWATER RUNOFF FROM THE ROOF AND BETWEEN THE SHEDS WILL BE DIRECTED INTO WATER STORAGE 2.
SITE EXPANSION:
1. STAGE 1 (CONVENTIONAL)
1.1. CAPACITY = 1,500 SCU
1.1. STOCKING DENSITY: = 15.0m²/SCU
1.2. BUNK SPACE = 340 mm/SCU
1.3. PENS 34.0m x 45.0m = 1,500 m²/PEN
1.4. INDIVIDUAL PEN CAPACITY = 100 SCU
1.5. PROPOSED PENS = 14 + 2 HALF PENS
2. STAGE 2 (COVERED)
2.1. CAPACITY: = 1,800 SCU
2.1. STOCKING DENSITY: = 9.0m²/SCU
2.2. BUNK SPACE = 300 mm/SCU
2.3. PENS 30.0m x 30.0m = 900 m²/PEN
2.4. INDIVIDUAL PEN CAPACITY = 100 SCU
2.5. PROPOSED PENS = 18
3. COMPLETE EXPANDED SITE
3.1. EXISTING: 3,125 @ 15.0m²/SCU
3.2. STAGE 1 1,500 @ 15.0m²/SCU
3.3. STAGE 2 1,800 @ 9.0m²/SCU
3.4. COMBINED 6,425 @ 13.3m2/SCU
CLIENT
PAKADERINGA FEEDLOT PTY LTD
PROJECT
PAKADERINGA FEEDLOT EXPANSION
LOCATION
1270 CORNDALE ROAD, NANANGO, QLD 4615
SHEET TITLE
PROPERTY PLAN (AERIAL IMAGERY)
AgDSA
AGRICULTURAL DEVELOPMENT SERVICES AUSTRALIA
PO BOX 292
TOOWOOMBA QLD 4350
PH: +61 473 171 957
E: contact@agdsa.com.au
SCALE
0 200 400 600m
SCALE 1:10,000 (A1) 1:20,000 (A3)
SIGNED
Pakaderinga Feedlot
DESIGNED
TJS
CHECKED
MRN
PROJECT MANAGER
MRN
FOR APPROVAL ONLY
DATE REV DESCRIPTION APP
11/04/2024 B RESPONSE TO RFI MRN
22/09/2023 A ORIGINAL ISSUE FOR APPROVAL ONLY MRN
REVISIONS
JOB CODE
PAK–001
SHEET NUMBER
A001
CURRENT REVISION
B


N
FEEDLOT SITE
PROPERTY ACCESS
OLD MONDA ROAD
MEMERAMBI BARKERS CREEK ROAD
1RP157322
2RP157322
3RP157323
4RP157323
5RP157323
6RP157322
7RP157322
8RP157323
9RP157327
10RP157327
11RP157327
CHERBOURG SOUTH FOREST RESERVE
PROPERTY BOUNDARY
PROPERTY BOUNDARY
PROPERTY BOUNDARY
MCLENNAN ROAD
LEGEND
PROPERTY BOUNDARY
CADASTRAL BOUNDARY
MAPPED STREAM ORDER
REGULATED VEGETATION – CAT B
REGULATED VEGETATION – CAT C
REGULATED VEGETATION – CAT R
PEN FENCE
CATTLE LANE
FEED BUNK
EFFLUENT DRAIN
FEED ROAD
DB CLEAN WATER DIVERSION BANK
VEGETATION SCREEN
EFFLUENT UTILISATION AREA (58ha)
NOTES:
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2. CADASTRAL BOUNDARIES, CONTOURS, REGULATED VEGETATION & WATERCOURSE DATA LAYERS HAVE BEEN SOURCED FROM QSPATIAL. DATA EXTRACTED 11/05/2023.
3. FEATURES MAY HAVE BEEN DIGITISED FROM PLANS OR AERIAL PHOTOGRAPHS AND ACCURACY IS LIMITED.
4. THE EXISTING FEEDLOT HAS A CAPACITY OF 3,125 HEAD AT A STOCKING DENSITY OF 15.0m²/SCU.
5. CONVENTIONAL EXPANSION PENS (ROW E & F)
5.1. ALL RUNOFF FROM THE CONVENTIONAL EXPANSION WORKS WILL BE MANAGED IN A SEPARATE CATCHMENT WITH A DEDICATED SEDIMENTATION BASIN & EFFLUENT HOLDING POND.
5.2. THE REQUIRED SEDIMENTATION BASIN & EFFLUENT HOLDING POND CAPACITIES HAVE BEEN DETERMINED IN ACCORDANCE WITH THE QLD DAF FEEDLOT GUIDELINES. THE INPUT DATA USED FOR THE SPREADSHEET CALCULATIONS IS CONSISTENT WITH THE CATCHMENT DETAILS PROVIDED IN P005 – CATCHMENT PLAN (PAK–005).
6. COVERED EXPANSION PENS (ROW G, H & I)
6.1. ALL STORMWATER RUNOFF FROM THE ROOF AND BETWEEN THE SHEDS WILL BE DIRECTED INTO WATER STORAGE 2.
SITE EXPANSION:
1. STAGE 1 (CONVENTIONAL)
1.1. CAPACITY = 1,500 SCU
1.1. STOCKING DENSITY: = 15.0m²/SCU
1.2. BUNK SPACE = 340 mm/SCU
1.3. PENS 34.0m x 45.0m = 1,500 m²/PEN
1.4. INDIVIDUAL PEN CAPACITY = 100 SCU
1.5. PROPOSED PENS = 14 + 2 HALF PENS
2. STAGE 2 (COVERED)
2.1. CAPACITY: = 1,800 SCU
2.1. STOCKING DENSITY: = 9.0m²/SCU
2.2. BUNK SPACE = 300 mm/SCU
2.3. PENS 30.0m x 30.0m = 900 m²/PEN
2.4. INDIVIDUAL PEN CAPACITY = 100 SCU
2.5. PROPOSED PENS = 18
3. COMPLETE EXPANDED SITE
3.1. EXISTING: 3,125 @ 15.0m²/SCU
3.2. STAGE 1 1,500 @ 15.0m²/SCU
3.3. STAGE 2 1,800 @ 9.0m²/SCU
3.4. COMBINED 6,425 @ 13.3m2/SCU
CLIENT
PAKADERINGA FEEDLOT PTY LTD
PROJECT
PAKADERINGA FEEDLOT EXPANSION
LOCATION
1270 CORNDALE ROAD, NANANGO, QLD 4615
SHEET TITLE
PROPERTY PLAN
AgDSA
AGRICULTURAL DEVELOPMENT SERVICES AUSTRALIA
PO BOX 292
TOOWOOMBA QLD 4350
PH: +61 473 171 957
E: contact@agdsa.com.au
SCALE
0 200 400 600m
SCALE 1:10,000 (A1) 1:20,000 (A3)
SIGNED
Pakaderinga Feedlot
DESIGNED TJS
CHECKED MRN
PROJECT MANAGER MRN
FOR APPROVAL ONLY
DATE REV DESCRIPTION
11/04/2024 B RESPONSE TO RFI MRN
22/09/2023 A ORIGINAL ISSUE FOR APPROVAL ONLY MRN
REVISIONS
JOB CODE PAK–001
SHEET NUMBER A002
CURRENT REVISION B



NOTES:

1. AERIAL IMAGE SOURCED THROUGH ESRI MAPPING SERVICES. IMAGE DATE 06/10/2021.
2. CADASTRAL BOUNDARIES, CONTOURS, REGULATED VEGETATION & WATERCOURSE DATA LAYERS HAVE BEEN SOURCED FROM QSPATIAL. DATA EXTRACTED 11/05/2023.
3. FEATURES MAY HAVE BEEN DIGITISED FROM PLANS OR AERIAL PHOTOGRAPHS AND ACCURACY IS LIMITED.
4. THE EXISTING FEEDLOT HAS A CAPACITY OF 3,125 HEAD AT A STOCKING DENSITY OF 15.0m²/SCU.
5. THERE IS TO BE NO CHANGE TO THE CONTROLLED DRAINAGE AREA (CDA) OF THE APPROVED FACILITY.
6. CONVENTIONAL EXPANSION PENS (ROW E & F)
   - 6.1. ALL RUNOFF FROM THE CONVENTIONAL EXPANSION WORKS WILL BE MANAGED IN A SEPARATE CATCHMENT WITH A DEDICATED SEDIMENTATION BASIN & EFFLUENT HOLDING POND.
   - 6.2. THE REQUIRED SEDIMENTATION BASIN & EFFLUENT HOLDING POND CAPACITIES HAVE BEEN DETERMINED IN ACCORDANCE WITH THE QLD DAF FEEDLOT GUIDELINES. THE INPUT DATA USED FOR THE SPREADSHEET CALCULATIONS IS CONSISTENT WITH THE CATCHMENT DETAILS PROVIDED IN P005 – CATCHMENT PLAN (PAK–005).
7. COVERED EXPANSION PENS (ROW G, H & I)
   - 7.1. ALL STORMWATER RUNOFF FROM THE ROOF AND BETWEEN THE SHEDS WILL BE DIRECTED INTO WATER STORAGE 2.

SITE EXPANSION:

1.	STAGE 1 (CONVENTIONAL)	
1.1.	CAPACITY	= 1,500 SCU
1.1.	STOCKING DENSITY:	= 15.0m²/SCU
1.2.	BUNK SPACE	= 340 mm/SCU
1.3.	PENS 34.0m x 45.0m	= 1,500 m²/PEN
1.4.	INDIVIDUAL PEN CAPACITY	= 100 SCU
1.5.	PROPOSED PENS	= 14 + 2 HALF PENS
2.	STAGE 2 (COVERED)	
2.1.	CAPACITY:	= 1,800 SCU
2.1.	STOCKING DENSITY:	= 9.0m²/SCU
2.2.	BUNK SPACE	= 300 mm/SCU
2.3.	PENS 30.0m x 30.0m	= 900 m²/PEN
2.4.	INDIVIDUAL PEN CAPACITY	= 100 SCU
2.5.	PROPOSED PENS	= 18
3.	COMPLETE EXPANDED SITE	
3.1.	EXISTING:	3,125 @ 15.0m²/SCU
3.2.	STAGE 1	1,500 @ 15.0m²/SCU
3.3.	STAGE 2	1,800 @ 9.0m²/SCU
3.4.	COMBINED	6,425 @ 13.3m2/SCU

CLIENT: PAKADERINGA FEEDLOT PTY LTD
PROJECT: PAKADERINGA FEEDLOT EXPANSION
LOCATION: 1270 CORNDALE ROAD, NANANGO, QLD 4615
SHEET TITLE: CONCEPT PLAN

AgDSA
AGRICULTURAL DEVELOPMENT SERVICES AUSTRALIA
PO BOX 292 TOOWOOMBA QLD 4350
PH: +61 473 171 957
E: contact@agdsa.com.au

SCALE: 0 40 80 120m
SCALE 1:2,000 (A1) 1:4,000 (A3)
SIGNED

Pakaderinga Feedlot

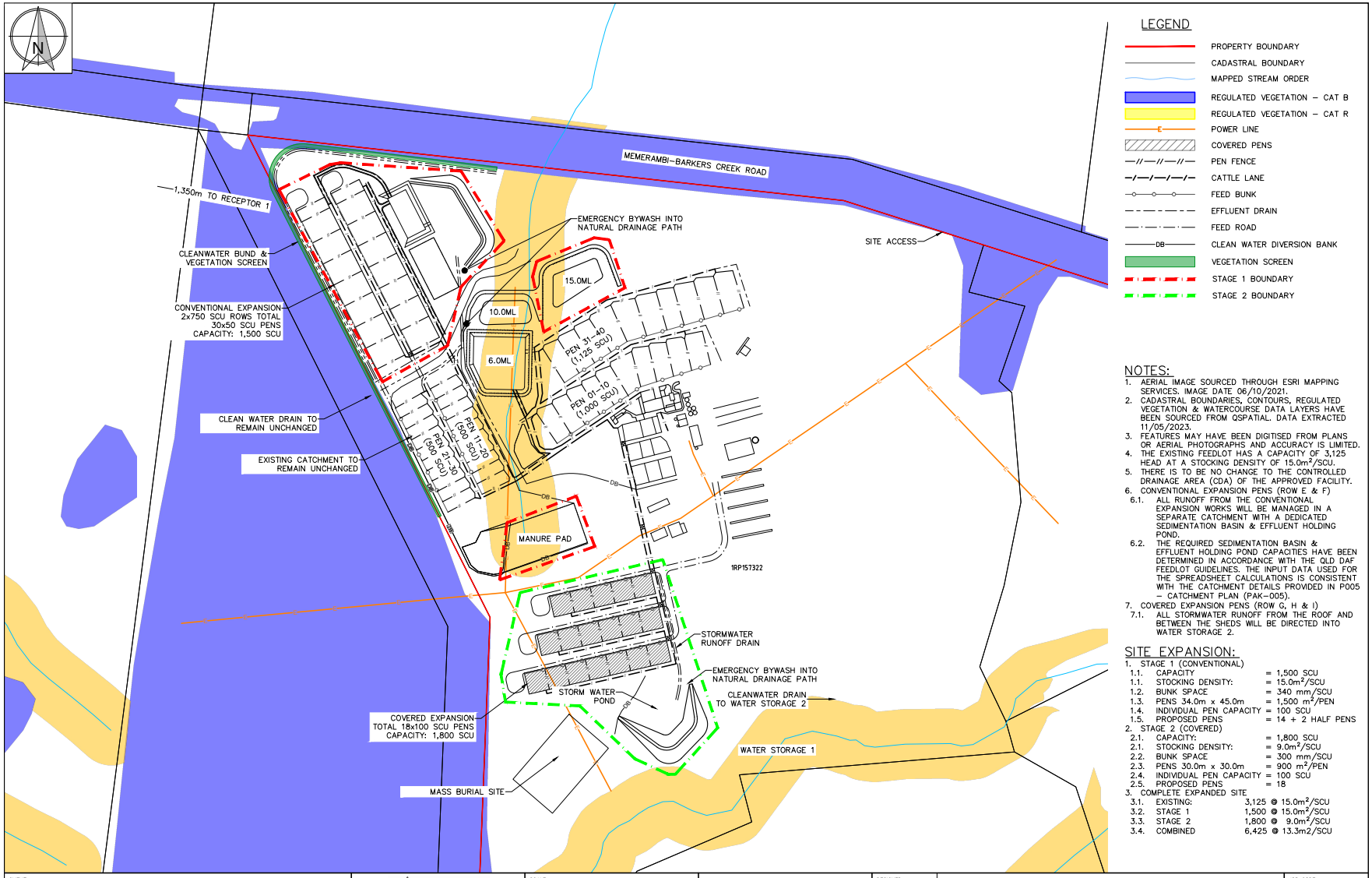
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CHECKED: MRN
PROJECT MANAGER: MRN

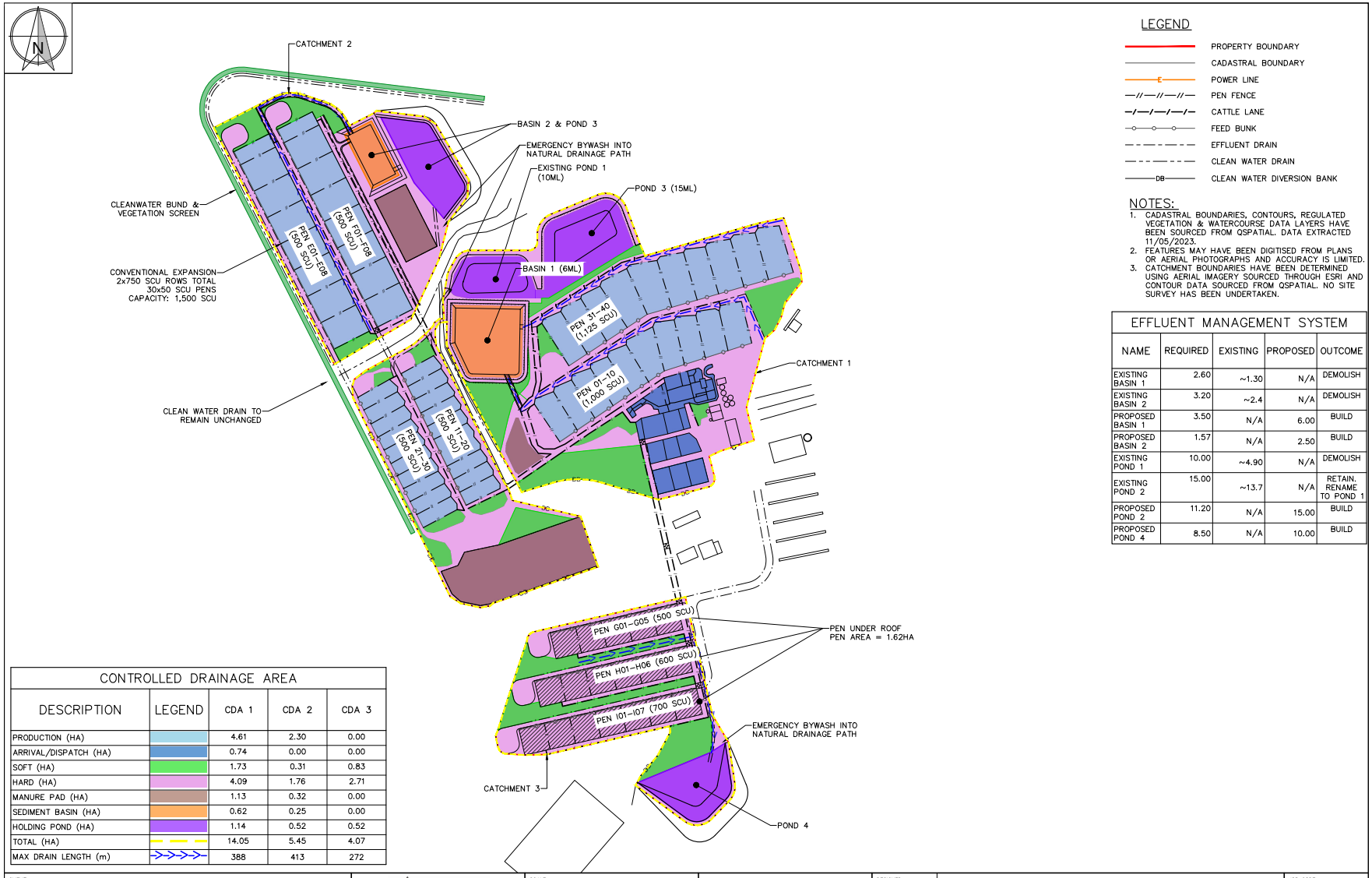
FOR APPROVAL ONLY

DATE	REV	DESCRIPTION	
11/04/2024	B	RESPONSE TO RFI	MRN
22/09/2023	A	ORIGINAL ISSUE FOR APPROVAL ONLY	MRN

REVISIONS

JOB CODE: PAK–001
SHEET NUMBER: A003
CURRENT REVISION: B


N
MEMERAMBI–BARKERS CREEK ROAD
1,350m TO RECEPTOR 1
CLEANWATER BUND & VEGETATION SCREEN
CONVENTIONAL EXPANSION 2x750 SCU ROWS TOTAL 30x50 SCU PENS CAPACITY: 1,500 SCU
CLEAN WATER DRAIN TO REMAIN UNCHANGED
EXISTING CATCHMENT TO REMAIN UNCHANGED
EMERGENCY BYWASH INTO NATURAL DRAINAGE PATH
15.0ML
10.0ML
6.0ML
PEN 31–40 (1,125 SCU)
PEN 01–10 (1,000 SCU)
PEN 11–20 (500 SCU)
PEN 21–30 (500 SCU)
MANURE PAD
1RP157322
SITE ACCESS
STORMWATER RUNOFF DRAIN
EMERGENCY BYWASH INTO NATURAL DRAINAGE PATH
STORM WATER POND
CLEANWATER DRAIN TO WATER STORAGE 2
COVERED EXPANSION TOTAL 18x100 SCU PENS CAPACITY: 1,800 SCU
WATER STORAGE 1
MASS BURIAL SITE
LEGEND
PROPERTY BOUNDARY
CADASTRAL BOUNDARY
MAPPED STREAM ORDER
REGULATED VEGETATION – CAT B
REGULATED VEGETATION – CAT R
POWER LINE
COVERED PENS
PEN FENCE
CATTLE LANE
FEED BUNK
EFFLUENT DRAIN
FEED ROAD
CLEAN WATER DIVERSION BANK
VEGETATION SCREEN
STAGE 1 BOUNDARY
STAGE 2 BOUNDARY
NOTES:
1. AERIAL IMAGE SOURCED THROUGH ESRI MAPPING SERVICES. IMAGE DATE 06/10/2021.
2. CADASTRAL BOUNDARIES, CONTOURS, REGULATED VEGETATION & WATERCOURSE DATA LAYERS HAVE BEEN SOURCED FROM QSPATIAL. DATA EXTRACTED 11/05/2023.
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4. THE EXISTING FEEDLOT HAS A CAPACITY OF 3,125 HEAD AT A STOCKING DENSITY OF 15.0m²/SCU.
5. THERE IS TO BE NO CHANGE TO THE CONTROLLED DRAINAGE AREA (CDA) OF THE APPROVED FACILITY.
6. CONVENTIONAL EXPANSION PENS (ROW E & F)
6.1. ALL RUNOFF FROM THE CONVENTIONAL EXPANSION WORKS WILL BE MANAGED IN A SEPARATE CATCHMENT WITH A DEDICATED SEDIMENTATION BASIN & EFFLUENT HOLDING POND.
6.2. THE REQUIRED SEDIMENTATION BASIN & EFFLUENT HOLDING POND CAPACITIES HAVE BEEN DETERMINED IN ACCORDANCE WITH THE QLD DAF FEEDLOT GUIDELINES. THE INPUT DATA USED FOR THE SPREADSHEET CALCULATIONS IS CONSISTENT WITH THE CATCHMENT DETAILS PROVIDED IN P005 – CATCHMENT PLAN (PAK–005).
7. COVERED EXPANSION PENS (ROW G, H & I)
7.1. ALL STORMWATER RUNOFF FROM THE ROOF AND BETWEEN THE SHEDS WILL BE DIRECTED INTO WATER STORAGE 2.
SITE EXPANSION:
1. STAGE 1 (CONVENTIONAL)
1.1. CAPACITY = 1,500 SCU
1.1. STOCKING DENSITY: = 15.0m²/SCU
1.2. BUNK SPACE = 340 mm/SCU
1.3. PENS 34.0m x 45.0m = 1,500 m²/PEN
1.4. INDIVIDUAL PEN CAPACITY = 100 SCU
1.5. PROPOSED PENS = 14 + 2 HALF PENS
2. STAGE 2 (COVERED)
2.1. CAPACITY: = 1,800 SCU
2.1. STOCKING DENSITY: = 9.0m²/SCU
2.2. BUNK SPACE = 300 mm/SCU
2.3. PENS 30.0m x 30.0m = 900 m²/PEN
2.4. INDIVIDUAL PEN CAPACITY = 100 SCU
2.5. PROPOSED PENS = 18
3. COMPLETE EXPANDED SITE
3.1. EXISTING: 3,125 @ 15.0m²/SCU
3.2. STAGE 1 1,500 @ 15.0m²/SCU
3.3. STAGE 2 1,800 @ 9.0m²/SCU
3.4. COMBINED 6,425 @ 13.3m2/SCU
CLIENT
PAKADERINGA FEEDLOT PTY LTD
PROJECT
PAKADERINGA FEEDLOT EXPANSION
LOCATION
1270 CORNDALE ROAD, NANANGO, QLD 4615
SHEET TITLE
DESIGN PLAN
AgDSA
AGRICULTURAL DEVELOPMENT SERVICES AUSTRALIA
PO BOX 292
TOOWOOMBA QLD 4350
PH: +61 473 171 957
E: contact@agdsa.com.au
SCALE
0 40 80 120m
SCALE 1:2,000 (A1) 1:4,000 (A3)
SIGNED
Pakaderinga Feedlot
DESIGNED TJS
CHECKED MRN
PROJECT MANAGER MRN
FOR APPROVAL ONLY
DATE REV DESCRIPTION
11/04/2024 C RESPONSE TO RFI MRN
08/01/2024 B REISSUE WITH STAGE BOUNDARIES MRN
22/09/2023 A ORIGINAL ISSUE FOR APPROVAL ONLY MRN
REVISIONS
JOB CODE PAK–001
SHEET NUMBER A004
CURRENT REVISION C



EFFLUENT MANAGEMENT SYSTEM

NAME	REQUIRED	EXISTING	PROPOSED	OUTCOME
EXISTING BASIN 1	2.60	~1.30	N/A	DEMOLISH
EXISTING BASIN 2	3.20	~2.4	N/A	DEMOLISH
PROPOSED BASIN 1	3.50	N/A	6.00	BUILD
PROPOSED BASIN 2	1.57	N/A	2.50	BUILD
EXISTING POND 1	10.00	~4.90	N/A	DEMOLISH
EXISTING POND 2	15.00	~13.7	N/A	RETAIN. RENAME TO POND 1
PROPOSED POND 2	11.20	N/A	15.00	BUILD
PROPOSED POND 4	8.50	N/A	10.00	BUILD

CONTROLLED DRAINAGE AREA

DESCRIPTION	LEGEND	CDA 1	CDA 2	CDA 3
PRODUCTION (HA)		4.61	2.30	0.00
ARRIVAL/DISPATCH (HA)		0.74	0.00	0.00
SOFT (HA)		1.73	0.31	0.83
HARD (HA)		4.09	1.76	2.71
MANURE PAD (HA)		1.13	0.32	0.00
SEDIMENT BASIN (HA)		0.62	0.25	0.00
HOLDING POND (HA)		1.14	0.52	0.52
TOTAL (HA)		14.05	5.45	4.07
MAX DRAIN LENGTH (m)		388	413	272

CLIENT: PAKADERINGA FEEDLOT PTY LTD
PROJECT: PAKADERINGA FEEDLOT EXPANSION
LOCATION: 1270 CORNDALE ROAD, NANANGO, QLD 4615
SHEET TITLE: CONTROLLED DRAINAGE AREA

AGRICULTURAL DEVELOPMENT SERVICES AUSTRALIA
PO BOX 292
TOOWOOMBA QLD 4350
PH: +61 473 171 957
E: contact@agdsa.com.au

SCALE: 0 40 80 120m
SCALE 1:2,000 (A1) 1:4,000 (A3)
SIGNED

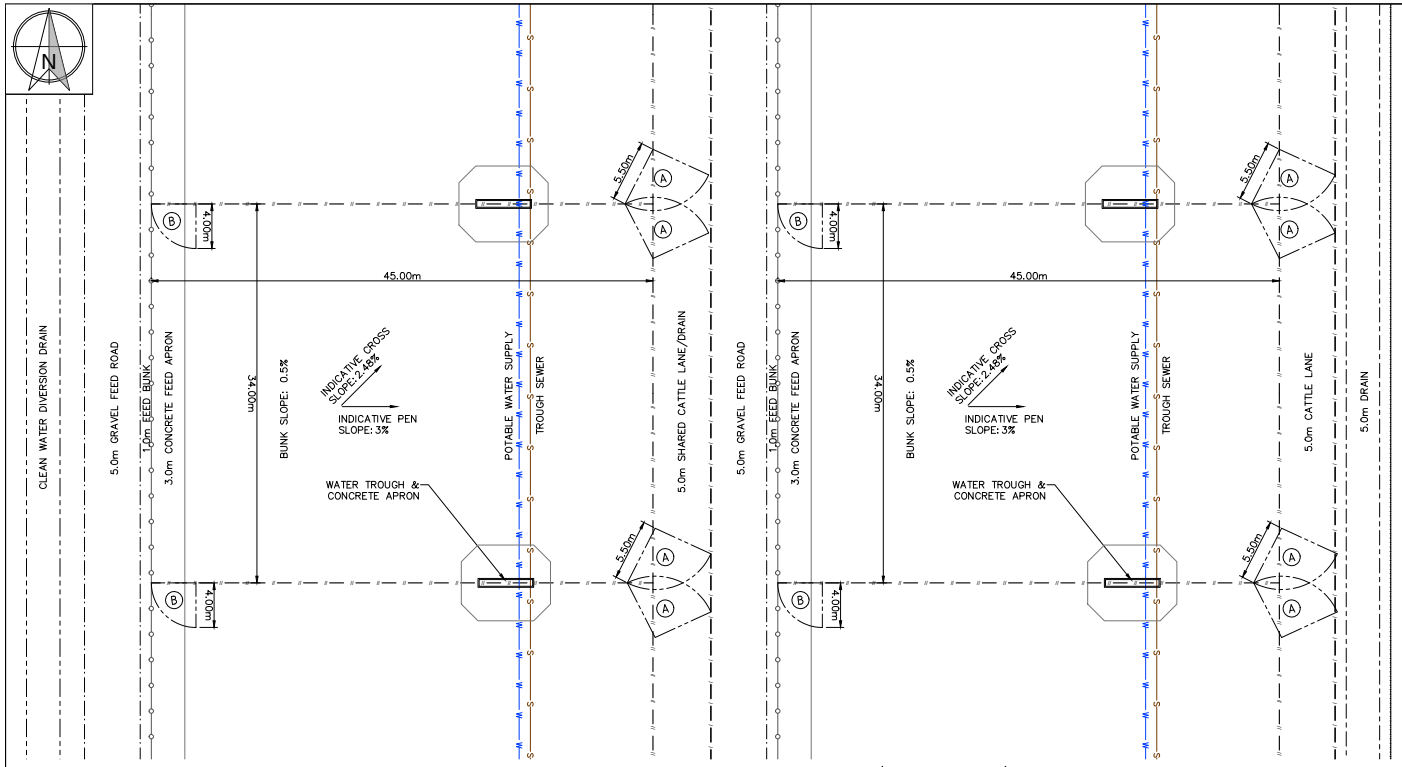
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CHECKED: MRN
PROJECT MANAGER: MRN

FOR APPROVAL ONLY

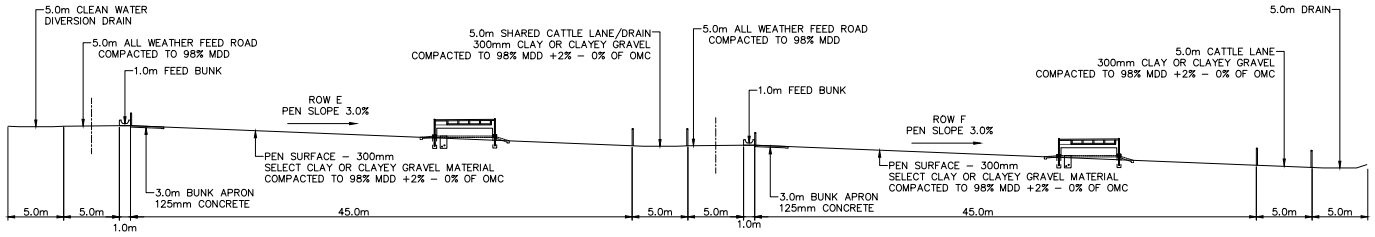
DATE	REV	DESCRIPTION	APP
11/04/2024	B	RESPONSE TO RFI	MRN
22/09/2023	A	ORIGINAL ISSUE FOR APPROVAL ONLY	MRN

REVISIONS

JOB CODE: PAK–001
SHEET NUMBER: A005
CURRENT REVISION: B



TYPICAL PLAN – CONVENTIONAL PRODUCTION PENS (ROW E AND F)



TYPICAL SECTION – CONVENTIONAL PRODUCTION PENS (ROW E AND F)

LEGEND

- PEN FENCE
- CATTLE LANE
- FEED BUNK
- FEED ROAD
- (A) GATE – 4.0m ACROSS BUNK APRON
- (B) GATE – 5.5m CATTLE ACCESS
- WATER LINE
- TROUGH SEWER LINE

MATERIALS

1. THE MATERIALS USED FOR THE CONSTRUCTION OF THE COMPOST PAD SHALL BE CLASSIFIED AS EITHER CL, CI, CH, SC OR GC IN ACCORDANCE WITH THE UNIFIED SOIL CLASSIFICATION SYSTEM. IT SHALL COMPLY WITH THE FOLLOWING PARTICLE SIZE & PLASTICITY LIMITS.
2. PARTICLE SIZE DISTRIBUTION

37.5	100
19.0	70–700
2.36	40–100
0.075	25–90

3. FINES PLASTICITY LIMITS FINES (PASSING 0.425mm)

LIQUID LIMIT:	30–60%
PLASTICITY INDEX:	>10%

CONSTRUCTION REQUIREMENTS

1. TOPSOIL STRIPPING SHALL BE UNDERTAKEN TO A SUITABLE DEPTH TO CLEAR THE SITE OF TREES, SCRUB, STUMPS, GRASS & ORGANIC MATTER.
2. AFTER TOPSOIL STRIPPING HOLES RESULTING FROM THE STRIPPING SHALL BE FILLED.
3. RIPPING TO A DEPTH OF 150mm IS TO BE UNDERTAKEN AND WATER ADDED TO ENSURE MATERIAL IS WITHIN ±2% OF THE OPTIMUM MOISTURE CONTENT (OMC).
4. AFTER WATERING COMPACTION IS TO BE UNDERTAKEN TO PRODUCE FIELD DRY DENSITY OF AT LEAST 98% OF THE STANDARD MAXIMUM DRY DENSITY (MDD).
5. SUITABLE FILL MATERIAL SHOULD BE PLACED IN LAYERS OF 200mm (PRIOR TO COMPACTION). EACH LAYER SHOULD BE TINED, WETTED TO ±2% OF OPTIMUM MOISTURE CONTENT (AS 1289 5.1.1) AND COMPACTED TO REACH THE REQUIRED COMPACTION RELATIVE TO THE MAXIMUM DRY DENSITY (AS1289 5.4.2).
6. THE FINAL SURFACE OF THE PAD MUST HAVE A MINIMUM CBR (CALIFORNIA BEARING RATIO) OF 20, & BE OF SUFFICIENT DEPTH TO ENSURE THE INTEGRITY OF THE STRUCTURE IS MAINTAINED THROUGHOUT THE GENERAL OPERATION OF THE FEEDLOT.
7. IRRESPECTIVE OF THE FINISHED PEN SURFACE, THE UNDERLYING SOILS MUST HAVE A MAXIMUM PERMEABILITY OF 1 x 10^{-9}m/s (0.1mm/day) FOR DISTILLED WATER WITH 1.0m OF PRESSURE HEAD.

SITE EXPANSION:

1. STAGE 1 (CONVENTIONAL)
   - 1.1. CAPACITY = 1,500 SCU
   - 1.1. STOCKING DENSITY: = 15.0m²/SCU
   - 1.2. BUNK SPACE = 340 mm/SCU
   - 1.3. PENS 34.0m x 45.0m = 1,500 m²/PEN
   - 1.4. INDIVIDUAL PEN CAPACITY = 100 SCU
   - 1.5. PROPOSED PENS = 14 + 2 HALF PENS
2. STAGE 2 (COVERED)
   - 2.1. CAPACITY: = 1,800 SCU
   - 2.1. STOCKING DENSITY: = 9.0m²/SCU
   - 2.2. BUNK SPACE = 300 mm/SCU
   - 2.3. PENS 30.0m x 30.0m = 900 m²/PEN
   - 2.4. INDIVIDUAL PEN CAPACITY = 100 SCU
   - 2.5. PROPOSED PENS = 18
3. COMPLETE EXPANDED SITE
   - 3.1. EXISTING: 3,125 @ 15.0m²/SCU
   - 3.2. STAGE 1 1,500 @ 15.0m²/SCU
   - 3.3. STAGE 2 1,800 @ 9.0m²/SCU
   - 3.4. COMBINED 6,425 @ 13.3m2/SCU

CLIENT: PAKADERINGA FEEDLOT PTY LTD
PROJECT: PAKADERINGA FEEDLOT EXPANSION
LOCATION: 1270 CORNDALE ROAD, NANANGO, QLD 4615
SHEET TITLE: TYPICAL CONVENTIONAL PEN DESIGN & CROSS SECTION

AgDSA AGRICULTURAL DEVELOPMENT SERVICES AUSTRALIA
PO BOX 292 TOOWOOMBA QLD 4350
PH: +61 473 171 957
E: contact@agdsa.com.au

SCALE: 0 4 8 12m
SCALE 1:200 (A1) 1:400 (A3)
SIGNED

Pakaderinga Feedlot

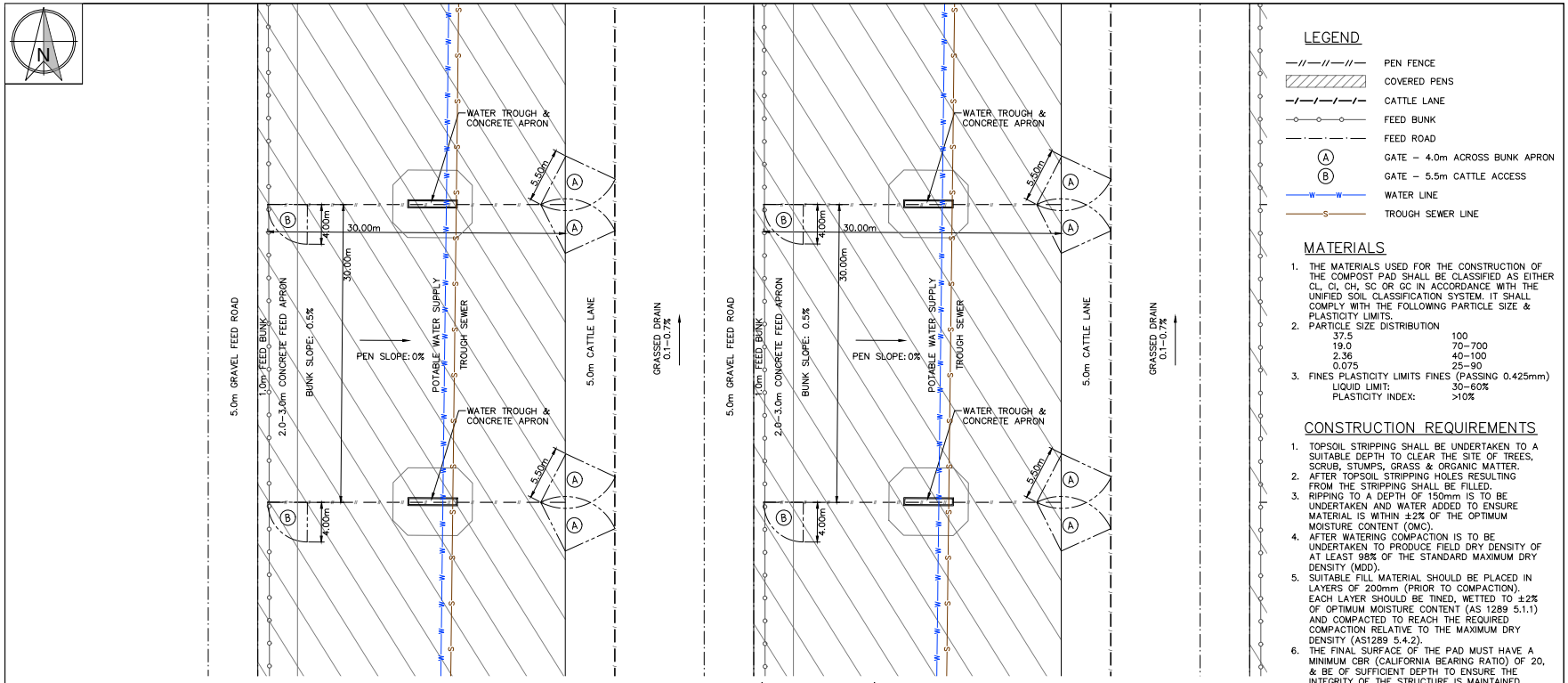
DESIGNED: TJS
CHECKED: MRN
PROJECT MANAGER: MRN

DRAFT DA PLANS – FOR CLIENT REVIEW

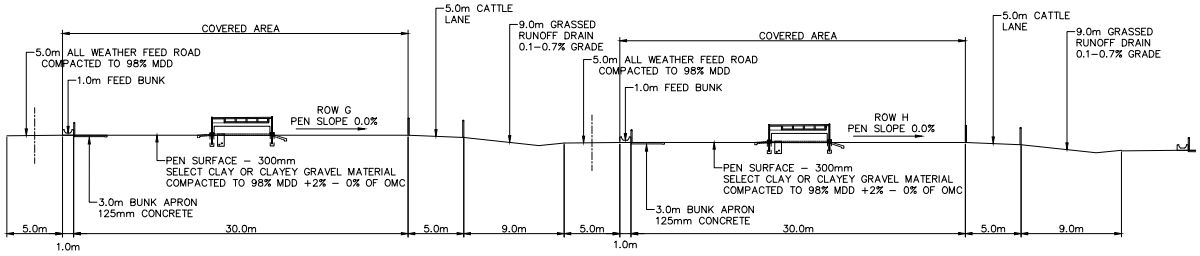
DATE	REV	DESCRIPTION	APP
07/09/2023	D1	DRAFT DA PLANS – FOR CLIENT REVIEW	MRN

REVISIONS

JOB CODE: PAK–001
SHEET NUMBER: A006.1
CURRENT REVISION: DRAFT 1



TYPICAL PLAN – COVERED PRODUCTION PENS (ROW G AND H)



TYPICAL SECTION – COVERED PRODUCTION PENS (ROW G AND H)

LEGEND

- PEN FENCE
- COVERED PENS
- CATTLE LANE
- FEED BUNK
- FEED ROAD
- (A) GATE – 4.0m ACROSS BUNK APRON
- (B) GATE – 5.5m CATTLE ACCESS
- WATER LINE
- TROUGH SEWER LINE

MATERIALS

1. THE MATERIALS USED FOR THE CONSTRUCTION OF THE COMPOST PAD SHALL BE CLASSIFIED AS EITHER CL, CI, CH, SC OR GC IN ACCORDANCE WITH THE UNIFIED SOIL CLASSIFICATION SYSTEM. IT SHALL COMPLY WITH THE FOLLOWING PARTICLE SIZE & PLASTICITY LIMITS.
2. PARTICLE SIZE DISTRIBUTION

37.5	100
19.0	70–700
2.36	40–100
0.075	25–90

3. FINES PLASTICITY LIMITS FINES (PASSING 0.425mm)

LIQUID LIMIT:	30–60%
PLASTICITY INDEX:	>10%

CONSTRUCTION REQUIREMENTS

1. TOPSOIL STRIPPING SHALL BE UNDERTAKEN TO A SUITABLE DEPTH TO CLEAR THE SITE OF TREES, SCRUB, STUMPS, GRASS & ORGANIC MATTER.
2. AFTER TOPSOIL STRIPPING HOLES RESULTING FROM THE STRIPPING SHALL BE FILLED.
3. RIPPING TO A DEPTH OF 150mm IS TO BE UNDERTAKEN AND WATER ADDED TO ENSURE MATERIAL IS WITHIN ±2% OF THE OPTIMUM MOISTURE CONTENT (OMC).
4. AFTER WATERING COMPACTION IS TO BE UNDERTAKEN TO PRODUCE FIELD DRY DENSITY OF AT LEAST 98% OF THE STANDARD MAXIMUM DRY DENSITY (MDD).
5. SUITABLE FILL MATERIAL SHOULD BE PLACED IN LAYERS OF 200mm (PRIOR TO COMPACTION). EACH LAYER SHOULD BE TINED, WETTED TO ±2% OF OPTIMUM MOISTURE CONTENT (AS 1289 5.1.1) AND COMPACTED TO REACH THE REQUIRED COMPACTION RELATIVE TO THE MAXIMUM DRY DENSITY (AS1289 5.4.2).
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7. IRRESPECTIVE OF THE FINISHED PEN SURFACE, THE UNDERLYING SOILS MUST HAVE A MAXIMUM PERMEABILITY OF 1 x 10^{-9}m/s (0.1mm/day) FOR DISTILLED WATER WITH 1.0m OF PRESSURE HEAD.

SITE EXPANSION:

1.	STAGE 1 (CONVENTIONAL)	
1.1.	CAPACITY	= 1,500 SCU
1.1.	STOCKING DENSITY:	= 15.0m²/SCU
1.2.	BUNK SPACE	= 340 mm/SCU
1.3.	PENS 34.0m x 45.0m	= 1,500 m²/PEN
1.4.	INDIVIDUAL PEN CAPACITY	= 100 SCU
1.5.	PROPOSED PENS	= 14 + 2 HALF PENS
2.	STAGE 2 (COVERED)	
2.1.	CAPACITY:	= 1,800 SCU
2.1.	STOCKING DENSITY:	= 9.0m²/SCU
2.2.	BUNK SPACE	= 300 mm/SCU
2.3.	PENS 30.0m x 30.0m	= 900 m²/PEN
2.4.	INDIVIDUAL PEN CAPACITY	= 100 SCU
2.5.	PROPOSED PENS	= 18
3.	COMPLETE EXPANDED SITE	
3.1.	EXISTING:	3,125 @ 15.0m²/SCU
3.2.	STAGE 1	1,500 @ 15.0m²/SCU
3.3.	STAGE 2	1,800 @ 9.0m²/SCU
3.4.	COMBINED	6,425 @ 13.3m2/SCU

CLIENT: PAKADERINGA FEEDLOT PTY LTD
PROJECT: PAKADERINGA FEEDLOT EXPANSION
LOCATION: 1270 CORNDALE ROAD, NANANGO, QLD 4615
SHEET TITLE: TYPICAL COVERED PEN DESIGN & CROSS SECTION

AgDSA
AGRICULTURAL DEVELOPMENT SERVICES AUSTRALIA
PO BOX 292
TOOWOOMBA QLD 4350
PH: +61 473 171 957
E: contact@agdsa.com.au

SCALE: 0 4 8 12m
SCALE 1:200 (A1) 1:400 (A3)
SIGNED

Pakaderinga Feedlot

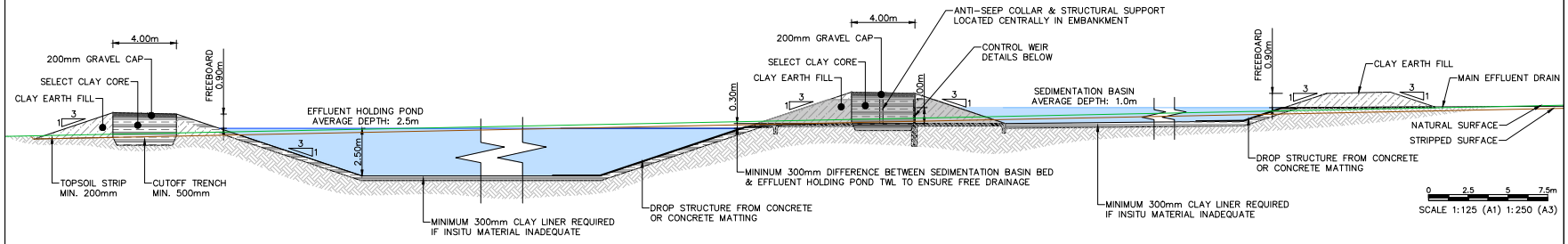
DESIGNED: TJS
CHECKED: MRN
PROJECT MANAGER: MRN

DRAFT DA PLANS – FOR CLIENT REVIEW

DATE	REV	DESCRIPTION	APP
07/09/2023	D1	DRAFT DA PLANS – FOR CLIENT REVIEW	MRN

REVISIONS

JOB CODE: PAK–001
SHEET NUMBER: A006.2
CURRENT REVISION: DRAFT 1



TYPICAL CROSS SECTION THROUGH EFFLUENT MANAGEMENT SYSTEM

TABLES 1, 2 & 3 DETAIL POTENTIAL FLOW CAPACITIES OF VARIOUS DRAIN CONFIGURATIONS. A MINIMUM DRAIN WIDTH OF 2.5m IS RECOMMENDED TO ALLOW FOR EASE OF MAINTENANCE.

TABLE 1 – 0.50% DRAIN CAPACITY (m^3/s)

DEPTH (m)	DRAIN BED WIDTH (m)						
	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.10	0.130	0.16	0.19	0.22	0.25	0.28	0.31
0.20	0.430	0.53	0.62	0.72	0.81	0.91	1.01
0.30	0.910	1.09	1.27	1.46	1.65	1.83	2.02
0.40	1.560	1.85	2.15	2.44	2.74	3.04	3.35
0.50	2.410	2.83	3.25	3.68	4.11	*4.54	*4.98

DRAINS ASSUMED TO HAVE COMPACTED GRAVEL BASE & INTERNAL BATTERS OF 1:3.
* IDENTIFIES FLOW VELOCITIES GREATER THAN 1.5 m/s WHICH REQUIRE SPECIFIC DRAIN LINING.

TABLE 2 – 0.75% DRAIN CAPACITY (m^3/s)

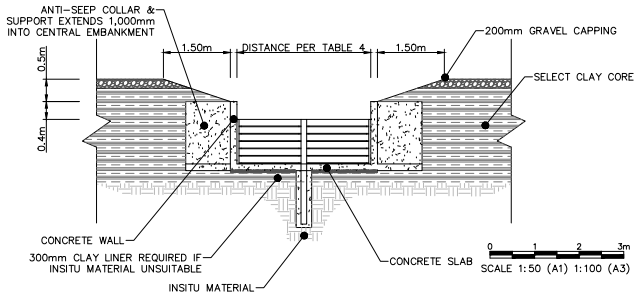
DEPTH (m)	DRAIN BED WIDTH (m)						
	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.10	0.160	0.190	0.230	0.270	0.310	0.340	0.380
0.20	0.530	0.650	0.760	0.880	1	1.110	1.230
0.30	1.110	1.330	1.560	1.790	2.020	2.250	2.480
0.40	1.910	*2.27	*2.63	*2.99	*3.36	*3.73	*4.10
0.50	*2.95	*3.46	*3.98	*4.51	*5.03	*5.56	*6.09

DRAINS ASSUMED TO HAVE COMPACTED GRAVEL BASE & INTERNAL BATTERS OF 1:3.
* IDENTIFIES FLOW VELOCITIES GREATER THAN 1.5 m/s WHICH REQUIRE SPECIFIC DRAIN LINING.

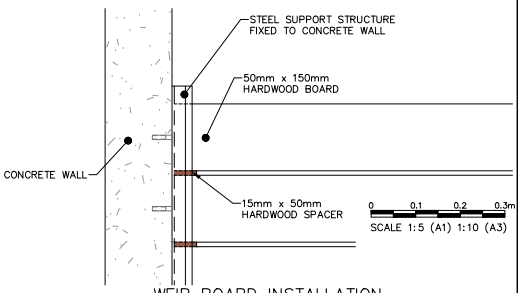
TABLE 3 – 1.0% DRAIN CAPACITY (m^3/s)

DEPTH (m)	DRAIN BED WIDTH (m)						
	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.10	0.180	0.22	0.27	0.31	0.35	0.40	0.44
0.20	0.610	0.75	0.88	1.01	1.15	1.29	1.42
0.30	1.280	*1.54	*1.80	*2.06	*2.33	*2.59	*2.86
0.40	*2.20	*2.62	*3.04	*3.46	*3.88	*4.31	*4.73
0.50	*3.40	*4.00	*4.60	*5.20	*5.81	*6.42	*7.02

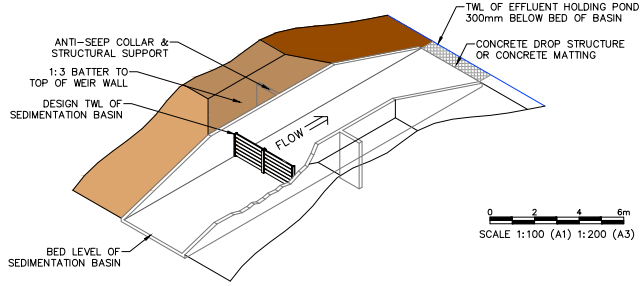
DRAINS ASSUMED TO HAVE COMPACTED GRAVEL BASE & INTERNAL BATTERS OF 1:3.
* IDENTIFIES FLOW VELOCITIES GREATER THAN 1.5 m/s WHICH REQUIRE SPECIFIC DRAIN LINING.



CONTROL WEIR – FRONT ELEVATION



WEIR BOARD INSTALLATION



WEIR INSTALLATION

TABLE 4 DETAILS THE CAPACITY OF VARIOUS RECTANGULAR WEIR CONFIGURATIONS. A MAXIMUM WEIR DEPTH OF 0.5m IS RECOMMENDED. WEIR WIDTH IS DIRECTLY PROPORTIONAL TO FLOW CAPACITY, THEREFORE, THE CAPACITY OF TWO 5.0m WEIR WIDTHS ARE EQUAL TO A SINGLE 10.0m WEIR.

TABLE 4 – WEIR CAPACITY (m^3/s)

DEPTH (m)	WEIR WIDTH (m)						
	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.1	0.11	0.13	0.16	0.19	0.22	0.24	0.27
0.2	0.30	0.38	0.46	0.53	0.61	0.68	0.76
0.3	0.56	0.70	0.84	0.98	1.12	1.26	1.40
0.4	0.86	1.08	1.29	1.51	1.72	1.94	2.15
0.5	1.20	1.50	1.80	2.10	2.40	2.70	3.01
0.6	1.58	1.98	2.37	2.77	3.16	3.56	3.95
0.7	1.99	2.49	2.99	3.48	3.98	4.48	4.98
0.8	2.43	3.04	3.65	4.26	4.87	5.47	6.08

CLIENT: PAKADERINGA FEEDLOT PTY LTD
PROJECT: PAKADERINGA FEEDLOT EXPANSION
LOCATION: 1270 CORNDALE ROAD, NANANGO, QLD 4615
SHEET TITLE: TYPICAL EFFLUENT MANAGEMENT SYSTEM DESIGN

AgDSA AGRICULTURAL DEVELOPMENT SERVICES AUSTRALIA
PO BOX 292 TOOWOOMBA QLD 4350
PH: +61 473 171 957
E: contact@agdsa.com.au

SCALE: AS SHOWN
SIGNED:

Pakaderinga Feedlot

DESIGNED: TJS
CHECKED: MRN
PROJECT MANAGER: MRN

DRAFT DA PLANS – FOR CLIENT REVIEW

DATE	REV	DESCRIPTION	APP
07/09/2023	D1	DRAFT DA PLANS – FOR CLIENT REVIEW	MRN

REVISIONS

JOB CODE: PAK–001
SHEET NUMBER: A007
CURRENT REVISION: DRAFT 1

Department of Agriculture and Fisheries

Notice

Environmental Protection Act 1994

Decision about an application for an environmental authority

This statutory notice is issued by the administering authority pursuant to section 198 of the Environmental Protection Act 1994 *to advise you of a decision on your application for an environmental authority.*

To:
Pakaderinga Feedlot Q Pty Ltd
1270 Memerambi Barkers Creek Road
WATTLE CAMP QLD 4615

Email: lachlan@pakaderinga.com
Attention: Mr Lachlan Brown

Our Reference: 2024-08

Decision about an application for an environmental authority

1 Application details

The application for an environmental authority was received by the administering authority on 31 January 2024

Application reference number: MCU23/0031

Land description: Lot 1 RP157322; Lot 2 RP157322; Lot 6 RP157322; Lot 7 RP157322; Lot 3 RP157323; Lot 4 RP157323; Lot 5RP157323; Lot 8 RP157323; Lot 9 RP157327; Lot 10 RP157327; Lot 11 RP157327.

1270 Memerambi Barkers Creek Road Wattle Camp Queensland.

2 Decision

The administering authority has decided to approve the application.

3 Annual fee

The first annual fee is payable within 20 business days of the effective date shown in the attached environmental authority.

The anniversary day of this environmental authority is the same day each year as the effective date. An annual return and the payment of the annual fee will be due each year on this day.

4 Review and appeal rights

You may apply to the administering authority for a review of this decision within 10 business days after receiving this notice. You may also appeal against this decision to the relevant court. Information about

Queensland Government

your review and appeal rights is attached to this notice. This information is guidance only and you may have other legal rights and obligations.

[redacted]

Luke Boucher
Manager, Environmental Regulation

22 May 2024

Delegate of the administering authority
Environmental Protection Act 1994

Enquiries
Department of Agriculture and Fisheries
Intensive Livestock Unit
203 Tor Street
TOOWOOMBA QLD 4350

Phone: 13 25 23
Fax: 07 4529 9233
Email: livestockregulator@daf.qld.gov.au

Attachments

Environmental authority 2024-08

Information sheet: Internal review and appeal (ESR/2015/1742)

Information sheet

Environmental Protection Act 1994

Internal review and appeals

This information sheet gives a summary of the process for the review of decisions and appeals to the Land Court and the Planning and Environmental Court under sections 519 to 539F of the Environmental Protection Act 1994 *and subordinate legislation. This information sheet replaces the two information sheets (1) Internal review and appeal to Land Court (ESR/2015/1742) and (2) Internal review and appeal to the Planning and Environment Court (ESR/2015/1572).*

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Version History

Version	Effective date	Description of changes
1.00	13 August 2015	First published version of the guideline.
2.00	13 August 2015	Minor changes and references to legislation updated.
3.00	10 October 2016	Updated to reflect latest version of *Environmental Protection Act 1994*.
3.01	6 July 2017	Replaced references to the *Sustainable Planning Act 2009* with *Planning Act 2016* (commenced 3 July 2017).
3.02	13 June 2018	The document template, header and footer have been updated to reflect current Queensland Government corporate identity requirements and comply with the Policy Register.
4.00	01 April 2019	Update of conditions relating to financial assurance to reflect the introduction of the Mineral and Energy Resources (Financial Provisioning) Act 2018 and the subsequent changes to the Environmental Protection Act 1994.
5.00	1 November 2019	Updated for the commencement of the progressive rehabilitation and closure plan framework.
6.00	15 September 2020	Updated to reflect changes introduced by the *Environmental Protection and Other Legislation Amendment Act 2020.*
6.01	14 April 2022	Facsimile number removed.

1 Introduction

The *Environmental Protection Act 1994* (EP Act) includes provisions for the internal review and appeal of certain decisions made under the EP Act.

The decisions that are subject to internal review are referred to as 'original decisions' in Schedule 2 of the EP Act and subordinate legislation.

A person who is dissatisfied with an original decision made by the Department of Environment and Science (the department) may apply to have that decision internally reviewed[1]. Generally, an application for a review of an original decision must be:

- made within 10 business days of the receiving a notice about the original decision or from when the department is taken to have made the decision;
- supported by enough information to enable the department to decide the review application; and
- made using the approved form Application for review of original decision (ESR/2015/1573[2]).

Where an application has been made for a review of an original decision, the applicant may also apply to the relevant court for a stay of the decision to secure the effectiveness of the review and any later appeal.

Once the original decision has been reviewed, a person who is dissatisfied with the review decision may be able to appeal against that decision to the relevant court within 22 business days of receiving the notice about the review decision. Schedule 2, Part 3 includes original decisions for internal review only.

What is the relevant court?

Land Court

Original decisions mentioned in Schedule 2, Part 1 are subject to Land Court appeal. These decisions generally relate to environmental authorities for resource activities.

The EP Act confers jurisdiction to the Land Court to hear and determine matters relating to natural resource issues, including appeals against decisions concerning the grant of mining tenures and other state land interests.

Planning and Environment Court

Original decisions mentioned in Schedule 2, Part 2 can be appealed against to the Planning and Environment Court. These decisions generally relate to environmental authorities for prescribed environmentally relevant activities.

The Planning and Environment Court is constituted by judges and hears matters including those relating to planning and development, environmental protection and management, nature conservation and heritage.

The relevant sections of Chapter 11, Part 3 of the EP Act that provide for the review of decisions and appeals are outlined below.

[1] Note: In accordance with section 521(14) internal reviews are not undertaken for an original decision to issue a clean-up notice.
[2] This form is available on the Queensland Government website at www.qld.gov.au, using the publication number ESR/2015/1573 as a search term.

Chapter 11—Administration, Part 3—Review of decisions and appeals

Division 1—Interpretation

Section 519 Original decisions

(1) A decision mentioned in schedule 2 is an 'original decision'.

(2) A decision under an environmental protection policy or regulation that the policy or regulation declares to be a decision to which this part applies is also an original decision.

Section 520 Dissatisfied person

(1) A dissatisfied person, for an original or review decision, is—

(a) if the decision is about an environmental impact statement (EIS) or the EIS process for an EIS—the relevant proponent under chapter 3, part 1, for the project to which the EIS relates; or

(b) if the decision is about an application for an environmental authority or proposed PRC plan for the application—the applicant; or

(c) if the decision is about an environmental authority, including financial assurance for the environmental authority, or a PRCP schedule—the holder of the authority or schedule; or

(d) if the decision is about an application for registration of a person as a suitable operator—the applicant; or

(e) if the decision is about a registered suitable operator—the operator; or

(f) if the decision is about taking action after receiving an audit report for an audit of a PRCP schedule—the holder of the schedule; or

(g) if the decision is to refuse an application to recognise an accreditation program for an agricultural ERA – the applicant; or

(h) if the decision is about a recognised accreditation program for an agricultural ERA – the owner of the program; or

(i) if the decision is to give an audit notice under section 322, 322A or 323—the recipient; or

(j) if the decision is to conduct an environmental audit or prepare an environmental report for an audit under section 326—the relevant environmental authority holder; or

(k) if the decision is about an environmental investigation or environmental protection order – the recipient; or

(l) if the decision is about a transitional environmental program—the holder of an approval for the program or person or public authority that is required to submit, or submits, the program; or

(m) if the decision is about a temporary emissions licence—

(i) the applicant for the licence; or

(ii) the holder of the licence; or

(n) if the decision is to issue a direction notice, clean-up notice or cost recovery notice—the recipient; or

(o) if the decision is about recording particulars of land in, or removing particulars of land from, the environmental management register or contaminated land register—the land's owner; or

(o) if the decision is about a site management plan for contaminated land—

(i) the recipient for the notice to prepare or commission the site management plan, other than for a decision under section 399; and

(ii) the land's owner; and

(iii) if another person prepares or commissions the plan—the other person, other than for a decision under section 399; or

(p) if the decision is about erecting signs on contaminated land—the land's owner; or

(q) if the decision is about a disposal permit—the applicant for the permit; or

(r) if the decision is about an exemption under chapter 8, part 3F, division 3—the person applying for, or given, the exemption; or

(s) if the decision is to give a notice under section 451(1)—the person to whom the notice is given; or

(t) if the decision is about an application for approval as an auditor under chapter 12, part 3A, division 2—the applicant; or

(u) if the decision is about an auditor—the auditor; or

(v) if the decision is about a complaint under chapter 12, part 3A, division 5—the person who made the complaint; or

(w) if the decision is about a conversion application under section 695—the applicant; or

(x) if the decision is a decision under an environmental protection policy or a regulation that the policy or regulation declares to be a decision to which this part applies—the person declared under the policy or regulation to be a dissatisfied person for the decision.

(2) A submitter for an application is also a dissatisfied person if the decision is about—

(a) a site-specific application for an environmental authority for a petroleum activity; or

(b) an amendment application under chapter 5, part 7 for an environmental authority for a resource activity, other than a mining activity; or

(c) the submission of a transitional environmental program to which section 335 applies.

2 Internal review of decisions

The relevant section of the EP Act regarding the process for the internal review of original decisions is outlined below.

Division 2—Internal review of decisions

Section 521 Procedure for review

(1) A dissatisfied person may apply for a review of an original decision.

(2) The application must—

(a) be made in the approved form to the administering authority within the following period (the 'review application period')—

(i) 10 business days[1] after the day on which the person receives notice of the original decision or the administering authority is taken to have made the decision (the 'review date');

(ii) the longer period the authority in special circumstances allows; and

(b) be supported by enough information to enable the authority to decide the application.

(3) The administering authority must, within 5 business days after the end of the review application period or, if 2 or more applications are received in relation to the original decision, the end of the latest of the review application periods, send the following documents to the other persons who were given notice under this Act of the original decision—

(a) notice of the application (the 'review notice');

(b) either-

(i) a copy of the application and supporting documents; or

(ii) details of where a copy of the application and supporting documents may be inspected or accessed.

(4) The review notice must inform the recipient that submission on the application may be made to the administering authority within 5 business days (the 'submission period') after the day the authority sends the review notice to the recipient.

(5) If the administering authority receives only 1 application in relation to the original decision and is satisfied the applicant has complied with subsection (2), the authority must, within the decision period—

(a) review the original decision;

(b) consider any submissions properly made by a recipient of the review notice; and

(c) make a decision (the 'review decision') to—

(i) confirm or revoke the original decision; or

(ii) vary the original decision in a way the administering authority considers appropriate.

(6) If the administering authority receives 2 or more applications in relation to the original decision and is satisfied the applicants have complied with subsection (2), the authority must, within the decision period-

(a) review the original decision; and

(b) consider any submissions properly made by a recipient of any of the review notices; and

(c) make 1 decision (also the 'review decision') in relation to the applications to-

(i) confirm or revoke the original decision; or

(ii) vary the original decision in a way the administering authority considers appropriate.

(7) The application does not stay (i.e. suspend or stop) the original decision.

Note- See part 3, division 4 in relation to stays.

(8) The application must not be dealt with by—

(a) the person who made the original decision; or

(b) a person in a less senior office than the person who made the original decision.

(9) Within 10 business days after making the review decision, the administering authority must give written notice of the decision to the applicant and persons who were given notice under this Act of the original decision.

(10) The notice must—

(a) include the reasons for the review decision; and

(b) inform the persons of their right of appeal against the decision.

(11) If the administering authority does not comply with subsection (5), (6) or (9), the authority is taken to have made a decision confirming the original decision.

(12) Subsection (8) applies despite the *Acts Interpretation Act 1954*, s. 27A.

(13) This section does not apply to an original decision made by—

(a) for a matter, the administration and enforcement of which has been devolved to a local government—the local government itself or the chief executive officer of the local government personally; or

(b) for another matter—the chief executive personally.

(14) Also, this section does not apply to an original decision to issue a clean-up notice.

(15) In this section—

'decision period', for a review of an original decision, means—

(a) if only 1 application is received in relation to the original decision and a submission is received within the submission period—

(i) 20 business days after the administering authority receives the application; or

(ii) the longer period, of not more than 5 additional business days, the authority in special circumstances decides; or

(b) if only 1 application is received in relation to the original decision and no submissions are received within the submission period—

(i) 15 business days after the administering authority receives the application; or

(ii) the longer period, of not more than 5 additional business days, the authority in special circumstances decides; or

(c) if 2 or more applications are received in relation to the original decision and a submission is received within the submission period for at least 1 of the applications—

(i) 20 business days after the administering authority receives the latest of the applications; or

(ii) the longer period, of not more than 5 additional business days, the authority in special circumstances decides; or

(d) if 2 or more applications are received in relation to the original decision and no submissions are received within the submission period for any of the applications—

(i) 15 business days after the administering authority receives the latest of the applications; or

(ii) the longer period, of not more than 5 additional business days, the authority in special circumstances decides.

3 Appeals to Land Court

The relevant sections of the EP Act regarding the process for appealing against a decision to the Land Court are outlined below.

Division 3—Appeals

Subdivision 1—Appeals to Land Court

Section 523 Review decisions subject to Land Court appeal

This subdivision applies if the administering authority makes a review decision for an original decision mentioned in schedule 2, part 1.

Section 524 Right of appeal

A dissatisfied person who is dissatisfied with the review decision may appeal against the decision to the Land Court.

Section 525 Appeal period

(1) The appeal must be started within 22 business days after the appellant receives notice of the review decision.

(2) However, the Land Court may at any time extend the time for starting the appeal.

Section 526 Land Court mediation

(1) Any party to the appeal may, at any time before the appeal is decided, ask the Land Court to conduct or provide mediation for the appeal.

(2) The mediation must be conducted by the Land Court or a mediator chosen by the Land Court[2].

Section 527 Nature of appeal

The appeal is by way of rehearing, unaffected by the review decision.

Section 528 Land Court's powers for appeal

In deciding the appeal, the Land Court has the same powers as the administering authority.

Section 530 Decision for appeals

(1) In deciding the appeal, the Land Court may—

(a) confirm the review decision; or

(b) set aside the decision and substitute another decision; or

(c) set aside the decision and return the matter to the administering authority who made the decision, with directions the Land Court considers appropriate.

(2) In setting aside or substituting the decision, the Land Court has the same powers as the authority unless otherwise expressly stated.

(3) However, this part does not apply to a power exercised under subsection (2).

(4) If the Land Court substitutes another decision, the substituted decision is taken for this Act, other than this subdivision, to be the authority's decision.

4 Appeals to the Court

The relevant sections of the EP Act regarding the process for appealing against a decision to the Court are outlined below.

Division 3—Appeals

Subdivision 2—Appeals to Court

Section 531 Who may appeal

(1) A dissatisfied person who is dissatisfied with a review decision may appeal against the decision to the Court.

(2) However, the following review decisions cannot be appealed against to the Court—

(a) a review decision to which subdivision 1[3] applies;

(b) a review decision that relates to an original decision mentioned in Schedule 2, Part 3[4].

(3) The chief executive may appeal against another administering authority's decision (whether an original or review decision) to the Court.

(4) A dissatisfied person who is dissatisfied with an original decision to which s. 521 does not apply may appeal against the decision to the Court.

Section 532 How to start appeal

(1) An appeal is started by—

(a) filing written notice of appeal with the registrar of the Court; and

(b) complying with rules of court applicable to the appeal.

(2) The notice of appeal must be filed—

(a) if the appellant is the chief executive—within 33 business days after the decision is made or taken to have been made; or

(b) if the appellant is not the chief executive—within 22 business days after the day the appellant receives notice of the decision or the decision is taken to have been made.

(3) The Court may at any time extend the period for filing the notice of appeal.

(4) The notice of appeal must state fully the grounds of the appeal and the facts relied on.

Section 533 Appellant to give notice of appeal to other parties

(1) Within 8 business days after filing the notice of appeal, the appellant must serve notice of the appeal on—

(a) if the appellant is the chief executive—all persons who were given notice under this Act of the original decision; or

(b) if the appellant is not the chief executive—the other persons who were given notice under this Act of the original decision.

(2) The notice must inform the persons that, within 10 business days after service of the notice of appeal, they may elect to become a respondent to the appeal by filing in the Court a notice of election under rules of court.

Section 534 Persons may elect to become respondents to appeal

A person who properly files in the Court a notice of election becomes a respondent to the appeal.

Section 536 Hearing procedures

(1) The procedure for an appeal is to be in accordance with the rules of court applicable to the appeal or, if the rules make no provision or insufficient provision, in accordance with directions of the judge.

(2) An appeal is by way of rehearing, unaffected by the administering authority's decision.

Section 537 Assessors

If the judge hearing an appeal is satisfied the appeal involves a question of special knowledge and skill, the judge may appoint 1 or more assessors to help the judge in deciding the appeal.

Section 538 Appeals may be heard with planning appeals

(1) This section applies if—

(a) a person appeals against an administering authority's decision (whether an original or review decision) about an application for an environmental authority for a prescribed ERA; and

(b) a person appeals against the assessment manager's decision under the Planning Act about a planning or development matter for the premises to which the application for the authority relates.

(2) The Court may order—

(a) the appeals to be heard together or 1 immediately after the other; or

(b) 1 appeal to be stayed until the other has been decided.

(3) This section applies even though the parties, or all of the parties, to the appeals are not the same.

Section 539 Powers of Court on appeal

(1) In deciding an appeal, the Court may—

(a) confirm the decision appealed against; or

(b) vary the decision appealed against; or

(c) set aside the decision appealed against and make a decision in substitution for the decision set aside.

(2) If on appeal the Court acts under subsection (1)(b) or (c), the decision is taken, for this Act (other than this part), to be that of the administering authority.

5 Stays

Division 4 — Stays

Section 539A Stay of operation of original decisions for internal review

(1) If an application is made for internal review of an original decision mentioned in Schedule 2, Part 1 or 2, the applicant may immediately apply for a stay of the decision to—

(a) for an original decision mentioned in Schedule 2, Part 1—the Land Court; or

(b) for an original decision mentioned in Schedule 2, Part 2—the Court.

(2) The Land Court or the Court may stay the decision only if it considers the stay is desirable having regard to the following—

(a) the interests of any person whose interests may be affected by the granting of the stay or the stay not being granted;

(b) any submission made to the Land Court or the Court by the entity that made the original decision;

(c) the public interest.

(3) A stay may be given on conditions the Land Court or the Court considers appropriate and has effect for the period stated by the Land Court or the Court.

(4) The period of a stay must not extend past the end of the period within which an appeal against the review decision may be started under section 525 or 532.

(5) This section applies subject to sections 539C and 539D.

(6) In this section—

'internal review', of an original decision, means a review of the decision under section 521.

Section 539B Stay of operation of decisions appealed against to Land Court or Court

(1) This section applies to—

(a) an original decision appealed against to the Court if section 521 does not apply to the decision; or

(b) an original decision appealed against to the Land Court or the Court if the decision is confirmed or varied by a review decision.

(2) The Land Court or the Court may grant a stay of a decision appealed against to secure the effectiveness of the appeal.

(3) A stay may be granted on conditions the Land Court or the Court considers appropriate and has effect for the period stated by the Land Court or the Court.

(4) The period of a stay must not extend past the time when the Land Court or the Court decides the appeal.

(5) An appeal against a decision does not affect the operation or carrying out of the decision unless the decision is stayed.

(6) This section applies subject to sections 539C to 539E.

Section 539C Stay of decision about financial assurance

(1) This section applies to an application under section 539A or 539B for a stay of a decision about the amount of financial assurance required under a condition of an environmental authority.

(2) The decision may not be stayed unless the administering authority has been given security for at least 75% of the amount of financial assurance that was decided by the administering authority.

Section 539D Stay of particular decisions if unacceptable risk of environmental harm

(1) This section applies to an application under section 539A or 539B for a stay of a decision–

(a) to ask the scheme manager for a payment of costs and expenses under section 316G; or

(b) to make a claim on or realise an EPA assurance under section 316G; or

(c) to issue an environmental protection order under section 358.

(2) The Land Court or the Court must refuse the application if satisfied there would be an unacceptable risk of serious or material environmental harm if the stay were granted.

Section 539E Stay of decision to issue clean-up notice

(1) This section applies to an application under section 539B for a stay of a decision to issue a clean-up notice.

(2) In deciding the application, the Court must have regard to—

(a) the quantity and quality of contamination of the environment that is likely to be caused if the stay is granted; and

(b) the proximity of the place at or from which the contamination incident is happening or happened to a place with environmental values that may be adversely affected by the contamination.

Section 539F Effect of stay of ERC decision

(1) This section applies if 1 of the following decisions is stayed –

(a) an original decision that is an ERC decision;

(b) an original decision appealed against to the Land Court if the decision is an ERC decision that is confirmed or varied by a review decision.

(2) Despite the stay the decision remains in effect for section 297 and the *Mineral and Energy Resources (Financial Provisioning) Act 2018*.

(3) However, if the holder of the environmental authority in relation to which the ERC decision has been made is required to give a surety under the *Mineral and Energy Resources (Financial Provisioning) Act 2018*, the holder is only required, during the period of the stay, to give a surety of 75% of the amount required.

6 Judicial review

Under the *Judicial Review Act 1991*, a person whose interests would be adversely affected by a decision made by the department has the right to:

- request a statement of reasons explaining a decision; and
- apply to the Supreme Court for a review of a decision if they are not satisfied with the statement of reasons for that decision.

Disclaimer

While this document has been prepared with care it contains general information and does not profess to offer legal, professional or commercial advice. The Queensland Government accepts no liability for any external decisions or actions taken on the basis of this document. Persons external to the Department of Environment and Science should satisfy themselves independently and by consulting their own professional advisors before embarking on any proposed course of action.

Approved:

15 September 2020

Enquiries:

Permit and Licence Management
Ph. 1300 130 372 (select option 4)
Ph:13 QGOV (13 74 68)
Email: palm@des.qld.gov.au

[1] Under the *Environmental Protection Act 1994* business days—'generally, does not include a day between 20 December in a year and 5 January in the following year'.
[2] For information on how to start the appeal, see the *Land Court Rules 2000*. For information on the conduct of the mediation, see the *Land Court Act 2000*. Information is also available on the Land Court website.
[3] Subdivision 1 is about appeals to the Land Court.
[4] Original decisions mentioned in Schedule 2, Part 3 are original decisions for internal review only.

Permit

Environmental Protection Act 1994

Environmental authority 2024-08

This environmental authority is issued by the administering authority under Chapter 5 of the Environmental Protection Act 1994*.*

Environmental authority number: 2024-08

Environmental authority takes effect on the date that your related development approval MCU23/0031 takes effect**.** This is the take effect date.

Within 5 business days of the environmental authority taking effect, the administering authority must be given written notice of the occurrence. Prior to the commencement of the activity, the administering authority must be given written notice of the proposed date of commencement.

The first annual fee is payable within 20 business days of the take effect date.

The anniversary date of this environmental authority is the same day each year as the take effect date. The payment of the annual fee will be due each year on this day.

Environmental authority holder(s)

Name and Suitable Operator Reference	Registered address
Pakaderinga Feedlot Q Pty Ltd Suitable operator reference: 100535976	1270 Memerambi Barkers Creek Road WATTLE CAMP QLD 4615

Environmentally relevant activity and location details

Environmentally relevant activity	Location
ERA 2 – Intensive animal feedlotting 1 keeping the following number of standard cattle units in a feedlot – (b) more than 1,000 but not more than 10,000	Lot 1 RP157322; Lot 2 RP157322; Lot 6 RP157322; Lot 7 RP157322; Lot 3 RP157323; Lot 4 RP157323; Lot 5RP157323; Lot 8 RP157323; Lot 9 RP157327; Lot 10 RP157327; Lot 11 RP157327. 1270 Memerambi Barkers Creek Road Wattle Camp Queensland.

Queensland Government

Additional information for applicants

Environmentally relevant activities

The description of any environmentally relevant activity (ERA) for which an environmental authority (EA) is issued is a restatement of the ERA as defined by legislation at the time the EA is issued. Where there is any inconsistency between that description of an ERA and the conditions stated by an EA as to the scale, intensity or manner of carrying out an ERA, the conditions prevail to the extent of the inconsistency.

An EA authorises the carrying out of an ERA and does not authorise any environmental harm unless a condition stated by the EA specifically authorises environmental harm.

A person carrying out an ERA must also be a registered suitable operator under the Environmental Protection Act 1994 (EP Act).

Contaminated land

It is a requirement of the EP Act that an owner or occupier of contaminated land give written notice to the administering authority if they become aware of the following:

- the happening of an event involving a hazardous contaminant on the contaminated land (notice must be given within 24 hours); or
- a change in the condition of the contaminated land (notice must be given within 24 hours); or
- a notifiable activity (as defined in Schedule 3) having been carried out, or is being carried out, on the contaminated land (notice must be given within 20 business days) that is causing, or is reasonably likely to cause, serious or material environmental harm.

For further information, including the form for giving written notice, refer to the Queensland Government website www.qld.gov.au, using the search term ‘duty to notify’.

Take effect

Please note that, in accordance with section 200 of the EP Act, an EA has effect:

a) if the authority is for a prescribed ERA and it states that it takes effect on the day nominated by the holder of the authority in a written notice given to the administering authority – on the nominated day; or
b) if the authority states a day or an event for it to take effect – on the stated day or when the stated event happens; or
c) otherwise – on the day the authority is issued.

However, if the EA is authorising an activity that requires an additional authorisation (a relevant tenure for a resource activity, a development permit under the Planning Act 2016 or an SDA Approval under the State Development and Public Works Organisation Act 1971), this EA will not take effect until the additional authorisation has taken effect.

If this EA takes effect when the additional authorisation takes effect, you must provide the administering authority written notice within 5 business days of receiving notification of the related additional authorisation taking effect.

The anniversary day of this environmental authority is the same day each year as the effective date. The payment of the annual fee will be due each year on this day.

If you have incorrectly claimed that an additional authorisation is not required, carrying out the ERA without the additional authorisation is not legal and could result in your prosecution for providing false or misleading information or operating without a valid environmental authority.

Stocking Density

Please be aware that Schedule 2B, Part 5, Section 24(1) of the *Animal Care and Protection Regulation 2012* states the following:

24 Floor area

(1) A person in charge of cattle kept in a beef feedlot must ensure a minimum floor area of 9m2 for each standard cattle unit in the feedlot.



Luke Boucher
Manager, Environmental Regulation

22 May 2024

Delegate of the administering authority
Environmental Protection Act 1994

Enquiries
Department of Agriculture and Fisheries
Intensive Livestock Unit
203 Tor Street
TOOWOOMBA QLD 4350

Phone: 13 25 23
Fax: 07 4529 9233
Email: livestockregulator@daf.qld.gov.au

Department of Agriculture and Fisheries

Obligations under the *Environmental Protection Act 1994*

In addition to the requirements found in the conditions of this environmental authority, the holder must also meet their obligations under the Act, and the regulations made under the Act. For example, the holder must comply with the following provisions of the Act:

- general environmental duty (section 319)
- duty to notify environmental harm (section 320-320G)
- offence of causing serious or material environmental harm (sections 437-439)
- offence of causing environmental nuisance (section 440)
- offence of depositing prescribed water contaminants in waters and related matters (section 440ZG)
- offence to place contaminant where environmental harm or nuisance may be caused (section 443)

Other permits required

This permit only provides an approval under the *Environmental Protection Act 1994*. In order to lawfully operate you may also require permits / approvals from your local government authority, other business units within the department and other State Government agencies prior to commencing any activity at the site. For example, this may include permits / approvals with your local Council (for planning approval), the Department of Transport and Main Roads (to access state-controlled roads), the Department of Natural Resources and Mines (to clear vegetation), and the Department of Agriculture and Fisheries (to clear marine plants or to obtain a quarry material allocation).

Development Approval

This permit is not a development approval under the *Planning Act 2016*. The conditions of this environmental authority are separate, and in addition to, any conditions that may be on the development approval. If a copy of this environmental authority is attached to a development approval, it is for information only, and may not be current. Please contact the Department of Agriculture and Fisheries to ensure that you have the most current version of the environmental authority relating to this site.

Conditions of environmental authority

The environmentally relevant activity conducted at the location as described above must be conducted in accordance with the following site-specific conditions of approval.

<table>
<tr><th colspan="2">Agency interest: General</th></tr>
<tr><th>Condition number</th><th>Condition</th></tr>
<tr><td>G1</td><td>Any breach of a condition of this environmental authority must be reported to the administering authority as soon as practicable within 24 hours of becoming aware of the breach. Records must be kept including full details of the breach and any subsequent actions taken.</td></tr>
<tr><td>G2</td><td>The activity must be undertaken in accordance with written procedures that:
a) identify potential risks to the environment from the activity during routine operations and emergencies; and
b) establish and maintain control measures that minimise the potential for environmental harm; and
c) ensure plant, equipment and measures are maintained in a proper and effective condition; and
d) ensure plant, equipment and measures are operated in a proper and effective manner; and
e) ensure that staff are trained and aware of their obligations under the Environmental Protection Act 1994; and
f) ensure that reviews of environmental performance are undertaken at least annually; and
g) Identify risk of harm or nuisance to surrounding land uses and measures to minimise any environmental harm or nuisance; and
h) Include a management plan which outlines practices that prevent or minimise the risk of environmental harm or nuisance to surrounding land uses.</td></tr>
<tr><td>G3</td><td>All reasonable and practicable measures must be taken to prevent or minimise environmental harm caused by the activities.</td></tr>
<tr><td>G4</td><td>a) The number of cattle kept in the feedlot at any time, expressed in terms of Standard Cattle Units (SCU) must not be more than the number shown opposite the feedlot location in the table below;
<table>
<tr><th>Feedlot Location</th><th>Number of SCU</th><th>Average stocking density across total production pen area (m^2/SCU)</th></tr>
<tr><td>1 RP157322</td><td>6425</td><td>13.3</td></tr>
</table>
</td></tr>
</table>

G5	The feedlot **controlled drainage areas** and associated facilities must be constructed generally in accordance with the following plans: 1. Property Plan, Prepared by AgDSA, Job Code PAK-001, Sheet Number A002, Revision B and Dated 11 April 2024; and 2. Controlled Drainage Area, Prepared by AgDSA, Job Code PAK-001, Sheet Number A005, Revision B and Dated 11 April 2024; and 3. Typical Effluent Management System Design, Prepared by AgDSA, Job Code PAK-001, Sheet Number A007, Revision A and Dated 22 September 2023. **Note:** Prior to stocking the expanded feedlot areas or modifying controlled drainage areas in a way that would change the existing catchment areas, the required waste management infrastructure including drains, sedimentations basins and effluent holding ponds must be constructed in accordance with the plans above.
G6	Feedlot **controlled drainage areas** must be constructed and maintained in accordance with accepted engineering practice, to ensure long term structural integrity. The in-situ coefficient of permeability of the finished base, batters and embankments must not exceed 0.1mm/day. If this standard cannot be achieved using the in-situ material, lining must be carried out in accordance with the design permeability specification of Appendix C & G of the National Guidelines for Beef Cattle Feedlots in Australia 3rd Edition. The holder of the environmental authority is to submit compaction testing for approval to the **administering authority** to demonstrate compliance with this specification prior to stocking the expanded facility.
G7	Following the completion of the proposed feedlot complex, the holder of this environmental authority shall arrange for 'as-built' surveys to be carried out to confirm the size of the feedlot complex, all associated waste management facilities, the storage volumes of all effluent treatment systems and storage ponds. The results of these surveys shall be submitted to the **administering authority** for approval prior to stocking the expanded feedlot **controlled drainage area**.
G8	The holder of this environmental authority must not make any material alteration to the **activity** which may affect the operating capacity of the **activity** or change the way in which the **activity** operates, without the prior written approval of the **administering authority**.
G9	Prior to stocking the expanded feedlot production pens with cattle, all proposed effluent irrigation areas must be developed and the required pumps and irrigators must be installed to ensure that effluent irrigation can be conducted to manage effluent pond volumes in accord with condition G13 below.

Feedlot Controlled Drainage Area and Pen Management	
G10	General Operating Requirements: • Feeding out equipment shall be operated to minimise spillage; • Stock watering facilities shall be maintained to minimise overflows and spillage; • Facilities shall be managed to ensure that wastewater generated by routine water trough cleaning operations is disposed of without causing erosion or significant ponding on the pen surface; • Levee banks, diversion banks and drains shall be maintained as soon as practically possible following any damage; • Deposited sediment shall be removed from drains if the flow of liquid effluent is being impeded; • Erosion damage of feedlot drains shall be rectified as soon as practically possible.
G11	Feedlot pens must be managed to: a) minimise the amount of organic matter available for decomposition, and b) minimise the amount of water that mixes with organic matter, and c) maximise the rate of drying of wet organic matter.
G12	Animal carcasses shall be disposed of so as not to cause **environmental harm** or **nuisance**.
G13	Runoff storage ponds (effluent holding ponds) shall be managed to prevent over-topping. Ponds are to be managed to ensure they are generally empty. Effluent is not to be held in ponds for periods of time such that an odour **nuisance** may occur.
G14	Sedimentation basins shall be cleaned and maintained following the deposition of sediment.
G15	Any **release** of effluent from containment structures must be reported to the **administering authority** within 24 hours of becoming aware of the **release**. **Records** must be kept including full details of the **release** and any subsequent actions taken.
G16	Details (including the date and location) of the following feedlot operations are to be recorded: • Pen management practices described in Condition G10; and • Number and average weight of cattle introduced and removed from the premises; and • Effluent irrigation events; and • Manure utilisation events; and • Sediment basin and effluent holding pond desludging events.
G17	Feedlot **controlled drainage areas** must be suitably designed to be protected from a 1% AEP flood event.

Monitoring	
G18	All analyses required under this environmental authority must be carried out by a laboratory that has National Association of Testing Authorities certification, or an equivalent certification, for such analyses.
G19	Monitoring as described below must be undertaken when requested by the **administering authority**, in the manner prescribed by the **administering authority**. • Standard agronomic soil chemistry of lands the subject of this environmental authority that receive waste generated by the environmentally relevant activity; and • A chemical analysis of relevant water courses. The monitoring results must be provided within 10 business days to the **administering authority** upon its request.
G20	When required by the **administering authority**, monitoring must be undertaken in the manner prescribed by the **administering authority** to investigate a complaint of **environmental nuisance** arising from the activity. The monitoring results must be provided within 10 business days to the **administering authority** upon its request.
G21	All **records** must be kept for a period of at least five years and provided to the **administering authority** upon request.
Agency interest: Air	
Condition number	**Condition**
A1	Odours or airborne contaminants must not cause **environmental nuisance** to any **sensitive place** or **commercial place**.
A2	Dust and particulate matter emissions must not exceed the following concentrations at any **sensitive place** or **commercial place**: a) dust deposition of 120 milligrams per square metre per day, when monitored in accordance with Australian Standard AS 3580.10.1 (or more recent editions), or b) a concentration of particulate matter with an aerodynamic diameter of less than 10 micrometre (µm) (PM10) suspended in the atmosphere of 50 micrograms per cubic metre over a 24 hour averaging time, when monitored in accordance with Australian Standard AS 3580.9.6 (or more recent editions) or any other method approved by the **administering authority**.
A3	Feedlot liquid waste containment structures must be managed at all times to prevent or minimise odour **nuisance**.
A4	To prevent or minimise odour **nuisance,** the feedlot solid waste storage area must be managed at all times to achieve the following: • minimise the amount of organic matter available for decomposition; • minimise water pooling; • maximise the rate of drying of wet solids.

Agency interest: Water	
Condition number	**Condition**
WT1	Contaminants must not be released to **groundwater** or at a location where they are likely to release to **groundwater**.
WT2	Any **release** of contaminants generated by the **activity** to **waters** must not cause **environmental harm**.
WT3	The stormwater runoff from **disturbed areas** must be managed to minimise the release of contaminants offsite.
WT4	Effluent and solid waste shall be applied to crops or pastures using a managed waste application program. The waste application program shall ensure the effluent and solid waste is applied sustainably across the whole of the available waste utilisation area. The rate and volume of effluent and solid waste applied to utilisation areas shall be such that surface pooling and runoff is kept to a practical minimum and excessive deep percolation is avoided.

Agency interest: Noise	
Condition number	**Condition**
N1	Noise generated by the **activity** must not cause **environmental nuisance** to any **sensitive place** or **commercial place.**
N2	Noise from the **activity** must not include **substantial low frequency noise** components and must not exceed the levels identified in Table 3 – Noise limits and the associated requirements at any nuisance **sensitive place** or **commercial place**.

Table 3 – Noise limits

Noise level measured in dB(A)	**Monday to Saturday**			**Sunday and Public Holidays**		
	7am-6pm	6pm-10pm	10pm-7am	9am-6pm	6pm-10pm	10pm-9am
	Noise measured at a nuisance **sensitive place**					
LAeq adj, 1 hr	**Background** +5	**Background** +3	**Background** +3	**Background** +5	**Background** + 3	**Background** + 3
LAmax, 1 hr	**Background** +10	**Background** +8	**Background** +5	**Background** +10	**Background** +8	**Background** +5
	Noise measured at a **commercial place**					
LAeq adj, 1 hr	**Background** +10	**Background** +8	**Background** +5	**Background** +10	**Background** +8	**Background** +5
LAmax, 1 hr	**Background** +15	**Background** +13	**Background** +10	**Background** +15	**Background** +13	**Background** +10

Agency interest: Land	
Condition number	**Condition**
L1	Any **release** of contaminants generated by the **activity** to **land** must not cause **environmental harm**.
L2	Before applying to surrender this environmental authority the site must be rehabilitated to achieve a safe, stable, non-polluting landform.

Agency interest: Waste	
Condition number	**Condition**
WS1	All waste generated in carrying out the **activity** must be lawfully reused, recycled or removed to a facility that can lawfully accept the waste.
WS2	Waste being treated must be lawfully treated to render it less hazardous and be fit for its intended use or disposal.
WS3	Any **release** or utilisation of waste products generated by the **activity** must not cause **environmental harm**.
WS4	Feedlot waste products must be applied to **land** in a manner that does not result in leaching or overland flow of contaminants to **waters**.
WS5	The rate of application of effluent and solid wastes from the **activity** must not exceed the rates at which the critical constituents of the wastes, that is, water, nutrients (especially nitrogen and phosphorus) and salts, are: (a) taken up by plants and removed from the waste utilisation areas by harvesting; (b) safely stored within the soil profile; or (c) released into the surrounding environment in an acceptable form.
WS6	Manure and sludge removed from the feedlot pens, drains, sedimentation system(s) and holding pond(s), and spilt and/or spoilt feedstuffs, shall be either: • stored in a manner that minimises the risk of harm to environmental values; or • exported from the feedlot property; or • applied immediately, at sustainable rates, to crop or pasture on the feedlot property.
WS7	Solid waste stockpile and composting areas shall be protected from rainfall runoff by diversion banks or drains and shall be located within a **controlled drainage area**.
WS8	Stockpiles of manure, sludge and spilt or spoilt feedstuff shall be managed to avoid burning, including spontaneous combustion. Any fires shall be extinguished as soon as practically possible.

END OF PERMIT

Attachments

1. Property Plan, Prepared by AgDSA, Job Code PAK-001, Sheet Number A002, Revision B and Dated 11 April 2024.
2. Controlled Drainage Area, Prepared by AgDSA, Job Code PAK-001, Sheet Number A005, Revision B and Dated 11 April 2024.
3. Typical Effluent Management System Design, Prepared by AgDSA, Job Code PAK-001, Sheet Number A007, Revision A and Dated 22 September 2023.

Definitions

Key terms and/or phrases used in this document are defined in this section and **bolded** throughout this document. Applicants should note that where a term is not defined, the definition in the *Environmental Protection Act 1994* (the Act), its regulations or environmental protection policies must be used. If a word remains undefined it has its ordinary meaning.

activity means the environmentally relevant activities, whether resource activities or prescribed activities, to which the environmental authority relates.

administering authority means the Department of Agriculture and Fisheries or its successor or predecessors.

Annual Exceedance Probability (AEP) An Annual Exceedance Probability (AEP) event is the probability of a level of flooding being equalled or exceeded, at least once, in any given year. For example, a 1% AEP, is a flood level that has a one per cent chance of occurring in any given year.

appropriately qualified person(s) means a person or persons who has professional qualifications, training, skills and/or experience relevant to the EA requirement and can give authoritative assessment, advice and analysis in relation to the EA requirement using the relevant protocols, standards, methods or literature.

background means noise, measured in the absence of the noise under investigation, as $L_{A90,T}$ being the A-weighted sound pressure level exceeded for 90 percent of the time period of not less than 15 minutes, using Fast response.

commercial place means a place used as a workplace, an office or for business or commercial purposes and includes a place within the curtilage of such a place reasonably used by persons at that place.

controlled drainage areas means a self-contained catchment surrounding those parts of the feedlot complex from which uncontrolled stormwater runoff would constitute an environmental hazard. It is typically established using a series of:

- catch drains to capture runoff from the feedlot pens and all other surfaces within the feedlot complex, and ultimately convey that runoff to a treatment, collection or disposal system, and
- diversion banks or drains placed immediately upslope of the feedlot complex, which are designed to divert ‘clean’ or uncontaminated upslope runoff around the feedlot complex.

delegate of the administering authority means an officer of the Department of Agriculture and Fisheries or its successor as cited by the administering authority.

disturbed areas includes areas:

1. that are susceptible to erosion;
2. that are contaminated by the activity; and/or
3. upon which stockpiles of soil or other materials are located.

environmental harm as defined in Chapter 1 of the Environmental Protection Act 1994.

environmental nuisance as defined in Chapter 1 of the Environmental Protection Act 1994.

environmental value as defined in Chapter 1 of the Environmental Protection Act 1994.

groundwater means water that occurs naturally in, or is introduced artificially into, an aquifer.

$L_{Aeq\ adj,T}$ means the adjusted A weighted equivalent continuous sound pressure level measures on fast response, adjusted for tonality and impulsiveness, during the time period T, where T is measured

for a period no less than 15 minutes when the activity is causing a steady state noise, and no shorter than one hour when the approved activity is causing an intermittent noise.

land does not include **waters**.

Max$L_{pA,T}$ means the maximum A-weighted sound pressure level measured over a time period T of not less than 15 minutes, using Fast response.

measures has the broadest interpretation and includes plant, equipment, physical objects, monitoring, procedures, actions, directions and competency.

noxious means harmful or injurious to health or physical well-being.

offensive means causing offence or displeasure; is unreasonably disagreeable to the sense; disgusting, nauseous or repulsive.

prescribed water contaminants means contaminants listed within Schedule 9 of the Environmental Protection Regulation 2008.

production pen area – means all feedlot pens excluding hospital pens and handling facilities.

records include breach notifications, written procedures, analysis results, monitoring reports and monitoring programs required under a condition of this authority.

release of a contaminant into the environment includes:

1. to deposit, discharge, emit or disturb the contaminant; and
2. to cause or allow the contaminant to be deposited, discharged, emitted or disturbed; and
3. to fail to prevent the contaminant from being deposited, discharged emitted or disturbed; and
4. to allow the contaminant to escape; and
5. to fail to prevent the contaminant from escaping.

secondary containment system means a system designed, installed and operated to prevent any release of contaminants from the system, or containers within the system, to land, groundwater, or surface waters.

sensitive place includes the following and includes a place within the curtilage of such a place reasonably used by persons at that place:

a) caretaker's accommodation; or
b) a childcare centre; or
c) a community care centre; or
d) a community residence; or
e) a detention facility; or
f) a dual occupancy; or
g) a dwelling house; or
h) a dwelling unit; or
i) an educational establishment; or
j) a health care service; or
k) a hospital; or
l) a hotel, to the extent the hotel provides accommodation for tourists or travellers; or
m) a multiple dwelling; or
n) non-resident workforce accommodation; or
o) a relocatable home park; or
p) a residential care facility; or
q) a resort complex; or
r) a retirement facility; or
s) rooming accommodation; or

t) rural workers' accommodation; or
u) short-term accommodation; or
v) a supervised accommodation service; or
w) a tourist park.

standard cattle unit meaning and calculation

(1) A *standard cattle unit* is a unit of measurement based on the live weight of cattle.
(2) The number of standard cattle units that is equivalent to an animal of a live weight mentioned in column 1 of the following table is stated opposite in column 2.

Column 1	Column 2
Live weight (kg)	**Number of standard cattle units**
up to 350	0.67
more than 350 to 400	0.74
more than 400 to 450	0.81
more than 450 to 500	0.87
more than 500 to 550	0.94
more than 550 to 600	1.00
more than 600 to 650	1.06
more than 650 to 700	1.12
more than 700	1.18

substantial low frequency noise means a noise emission that has an unbalanced frequency spectrum shown in a one-third octave band measurements, with a predominant component within the frequency range 10 to 200 Hz. It includes any noise emission likely to cause an overall sound pressure level at a noise sensitive place exceeding 55 dB(Z).

waters includes river, stream, lake, lagoon, pond, swamp, wetland, unconfined surface water, unconfined water, natural or artificial watercourse, bed and bank of any waters, dams, non-tidal or tidal waters (including the sea), stormwater channel, stormwater drain, roadside gutter, stormwater run-off, and groundwater and any part thereof.

you means the holder of the environmental authority.

14.14 LIST OF CORRESPONDENCE PENDING COMPLETION OF ASSESSMENT REPORT

File Number: **17-07-2024**

Author: **Acting Manager Environment & Planning**

Authoriser: **Chief Executive Officer**

PRECIS

List of correspondence pending completion of assessment report.

SUMMARY

Reports pending completion of assessment as of 30 June 2024.

Should Councillors wish to enquire about any of these applications, requests for information may be submitted via Executive Services support to raise an enquiry in the Council's request system. This process will greatly assist the team in managing enquiries received through one system and track timely responses.

OFFICER'S RECOMMENDATION

That Council resolve to:

1. Receive and note the List of correspondence pending completion of assessment report as of 30 June 2024.

REPORT

Reconfiguration of a Lot (RAL) applications

1. RAL23/0023 – Reconfiguration of a Lot – Subdivision (5 Lots into 25 Lots), New Road and Drainage Easements at 70, 84 & 104 Crumpton Drive BLACKBUTT NORTH
2. RAL23/0034 – Reconfiguration of a Lot – Subdivision (1 Lot into 2 Lots) at Haager Drive MOFFATDALE
3. RAL24/0001 – Reconfiguration of a Lot – Subdivision (1 Lot into 31 Lots) at 22-30 Bridget Carroll Road KINGAROY
4. RAL24/0002 – Reconfiguration of a Lot – Boundary Realignment (3 Lots into 3 Lots) at 866 Manumbar Road & Scotts Lane RUNNYMEDE
5. RAL24/0003 – Reconfiguration of a Lot – Boundary Realignment (3 Lots into 3 Lots) at Runnymede Estate Road & 1354 Runnymede Road RUNNYMEDE
6. RAL24/0007 – Reconfiguration of a Lot – Boundary Realignment (2 Lots into 2 Lots) at 591 Ellesmere Road & Druce Road ELLESMERE
7. RAL24/0009 – Reconfiguration of a Lot – Subdivision (1 Lot into 2 Lots) at 281 Haly Street KINGAROY
8. RAL24/0010 – Reconfiguration of a Lot – Subdivision (1 Lot into 2 Lots) at 271 Radunzs Road BOOIE
9. RAL24/0011 – Reconfiguration of a Lot – Subdivision (1 Lot into 2 Lots) at 41 Elouera Drive SOUTH NANANGO
10. RAL24/0012 – Reconfiguration of a Lot – Subdivision (1 Lot into 3 Lots) at 38 Couchmans Road KINGAROY
11. RAL24/0013 – Reconfiguration of a Lot – Subdivision (1 Lot into 18 Lots), New Road and Drainage Easements at 162 Bowman Road KINGAROY
12. RAL24/0014 – Reconfiguration of a Lot – Subdivision (1 Lot into 2 Lots) at 1 Kearney Street KINGAROY
13. RAL24/0016 – Reconfiguration of a Lot – Subdivision (2 Lots into 13 Lots) at Old Esk North Road SOUTH EAST NANANGO

14. RAL24/0017 – Reconfiguration of a Lot – Subdivision (1 Lot into 5 Lots) at 322 Crumpton Drive BLACKBUTT NORTH
15. RAL24/0018 – Reconfiguration of a Lot – Subdivision (1 Lot into 2 Lots) at 1-3 Avoca Street KINGAROY
16. RAL24/0019 – Reconfiguration of a Lot – Subdivision (1 Lot into 2 Lots) at 369 Izzards Road SOUTH NANANGO
17. RAL24/0020 – Reconfiguration of a Lot – Subdivision (1 Lot into 3 Lots) over two (2) stages at 119 Bowman Road BLACKBUTT NORTH
18. RAL24/0021 – Reconfiguration of a Lot – Access Easement at 91-97, 99-105, 107 & 111 Lamb Street & Palmer Street MURGON

Material Change of Use (MCU) Applications

1. MCU21/0017 – Material Change of Use – Expansion of the existing piggery (57,000SPU) at 592 Morgans Road, WINDERA (and described as Lot 49 on MZ555 & Lot 203 on SP251979)

2. MCU21/0019 – Other Change to Existing Approval – Material Change of Use (Master Planned Community and Development Permit for Reconfiguration of a lot (1 lot into 6 lots plus parkland dedication) at Corner Bunya Highway & Taylors Road KINGAROY

3. MCU22/0011 – Motorsport and Ancillary Facilities and Caretakers' Residence and ERA (63) for Sewerage Treatment at Lewis Duff Road BALLOGIE

4. MCU23/0018 – Material Change of Use – Multiple Dwelling (15 Units) at 44 Stephens Street West MURGON (not properly made)

5. MCU23/0025 – Material Change of Use – High Impact Industry (Wooden & Laminated Manufacturing) & ERA at 2-30 Kemp Street WONDAI

6. MCU23/0031 – Material Change of Use – Extension of Feedlot at 1344 Memerambi Barkers Creek Road WATTLE CAMP

7. MCU23/0034 – Material Change of Use – Sawmill at 157 Boonenne Road GOODGER

8. MCU24/0002 – Preliminary Approval (including Variation Request) at 22-30 Bridget Carroll Road KINGAROY

9. MCU24/0009 – Material Change of Use – Hotel Extension (Carrollee Hotel) and Shop Extension (Bottle Shop) at 2, 4 & 6-12 King Street and 2 Mary Street KINGAROY

10. MCU24/0012 – Minor Change for "Direct to Boot" Service for Woolworths Kingaroy at 29-45 Alford Street KINGAROY

11. MCU24/0013 – Material Change of Use – Multiple Dwelling (3 x 2-bedroom units) at 10 Agnes Street KINGAROY

12. MCU24/0015 – Material Change of Use – medium Impact Industry (Glass & Aluminium Manufacturing) at 60 King Street NANANGO

13. MCU24/0016 – Material Change of Use – Major Electricity Infrastructure (BESS) at Ellesmere Road ELLESMERE

14. MCU24/0017 – Material Change of Use – Short-term Accommodation (4 x Cabins) at 297 Birt Road CORNDALE

15. MCU24/0018 – Minor Change to Existing Approval – Material Change of Use – Motor Vehicle (Showroom) at 77-81 & 75 Kingaroy Street KINGAROY

16. MCU24/0019 – Material Change of Use – Short-term Accommodation (3 x Cottages) at 40 Steinhardts Road MOFFATDALE

17. MCU24/0020 – Material Change of Use – Dual Occupancy at 7 Bunya Drive KINGAROY

18. MCU24/0021 – Material Change of Use – Dual Occupancy at 3 Bunya Drive KINGAROY

Operational Work (OPW) Applications

1. OPW24/0001 – Operational Work – Bulk Earthworks at 95 Markwell Street KINGAROY

ATTACHMENTS

Nil

14.15 DELEGATED AUTHORITY REPORTS (1 JUNE 2024 TO 30 JUNE 2024)

File Number: **17-07-2024**

Author: **Acting Manager Environment & Planning**

Authoriser: **Chief Executive Officer**

PRECIS

This report provides a list of all planning and development related reports signed by the Chief Executive Officer under delegated authority from 1 June 2024 to 30 June 2024.

SUMMARY

This report comprises a listing of reports approved by delegated authority from 1 June 2024 to 30 June 2024.

OFFICER'S RECOMMENDATION

That the Delegated Authority report, for the month of June 2024 be received.

BACKGROUND

ATTACHMENTS

1. **MCU23/0026 & OPW23/0015 - Material Change of Use for Showroom and Operational Work for Road Work, Stormwater, Drainage Work, Earthworks, Landscaping and Access/Driveway) at 5-13 Rogers Drive KINGAROY (and described as Lots 9, 26, 27, 28 & 29 on SP18064).** ⇩
2. **OPW24/0004 - Operational Work (Earthworks) at 1 Kelvyn Street KINGAROY (and described as Lot 101 on SP257227).** ⇩
3. **RAL23/0002 - Reconfiguring a Lot - Boundary Realignment (3 Lots into 3 Lots) at 858 Memerambi Gordonbrook Road GORDONBROOK (and described as Lot 3 on RP205528, Lot 394 on FY805 and Lot 396 on FY2911).** ⇩
4. **RAL24/0015 - Minor Change to Existing Approval for Reconfiguring a Lot - Subdivision (1 Lot into 2 Lots) at 23 Anita Road BLACKBUTT (and described as Lot 55 on RP174024).** ⇩

Delegate Authority Date: 4 June 2024

0.0 COMBINED APPLICATION FOR MATERIAL CHANGE OF USE (SHOWROOM) AND OPERATION WORK (ROAD WORK, STORMWATER, DRAINAGE WORK, EARTHWORKS, LANDSCAPING AND ACCESS/DRIVEWAY AT 5-13 ROGERS DRIVE KINGAROY (AND DESCRIBED AS LOTS 9, 26, 27, 28 AND 29 SP180642). APPLICANT: CAPE MORETON COMPANY PTY LTD C/- ADAPT PLANNING PTY LTD

	SIGNATURE	DATE
Acting MANAGER	[redacted]	4/6/24
Acting GM		4/6/24
CEO		4-6-2024

File Number: MCU23/0026 & OPW23/0015

Author: Acting Manager Environment & Planning

Authoriser: Chief Executive Officer

PRECIS

Development application for Development Permit for a Material Change of Use (Showroom) and Operational Work (Road Work, Stormwater, Drainage Work, Earthworks, Landscaping and Access/Driveway) at 5-13 Rogers Drive KINGAROY (and described as Lots 9, 26, 27, 28 and 29 on SP180642).

SUMMARY

- The application is for a Development Permit for Material Change of Use for a Showroom and Operational Work for Road Work, Stormwater, Drainage Work, Earthworks, Landscaping, and Access/Driveway.
- The proposal seeks to establish a Showroom with a site cover of 43% and a gross floor area of 2,765m^2.
  - The proposed hours of operation for the development will be 8:30am to 5:00pm, Monday to Wednesday and Friday to Sunday, and 8:00am to 9:00pm on Thursdays;
  - Landscaping is to be provided at a rate of 10%; and
  - Seventy (70) on-site car parks proposed and access to be provided via two vehicle crossovers to Rogers Drive.
- The subject site is located in the Specialised centre zone under the South Burnett Regional Council Planning Scheme and the application triggered Code assessment as per Table 5.5.15 of the Planning Scheme.
- The subject sites have a combined site area of 6,383m^2.
- The development application is assessed against the relevant codes of the South Burnett Regional Council Planning Scheme. Relevant codes in this case include:
  - Specialised centre zone code; and
  - Services and works code.
- The application did not require referral to any external referral agencies.
- Council issued an Information Request on 12 December 2023.
- The Applicant provided an Information Request Response on 11 March 2024.
- Council's Development Engineer sought further information from the Applicant regarding the Information Request Response, providing an email to the Applicant on 2 April 2024. The additional information sought was regarding water supply (Item 1) and traffic (Item 2).
- The Applicant provided a response to Item 1 on 2 April 2024 and to Item 2 on 30 April 2024.
- The application has been assessed and the proposal generally meets the requirements of the Planning Scheme and relevant codes or has been conditioned to comply (refer to Attachment A – Statement Reasons).
- Refer Attachment B – Infrastructure Charges Notice.
- Refer to Attachment C – Approved Plans.
- The application is recommended for approval, subject to reasonable and relevant conditions.

OFFICER'S RECOMMENDATION

That Council approve the application for a Development Permit for Material Change of Use for a Showroom and Operational Work (Road Work, Stormwater, Drainage Work, Earthworks, Landscaping, and Access/Driveway) over land described as Lots 9, 26, 27, 28, and 29 on SP180642

and situated at 5-13 Rogers Drive, Kingaroy – Applicant – W Cape Moreton Company Pty Ltd c/- Adapt Planning Pty Ltd, subject to the following conditions.

MATERIAL CHANGE OF USE – MCU23/0026

GENERAL

GEN1. The approved development must be maintained generally in accordance with the approved plans and documents, except where amended by the conditions of this permit:

Drawing/ Document Title	Prepared By	Plan No.	Rev.	Date
Proposal Plans – Site Plan	Husband Architects	DA10	B	19/12/23
Proposal Plans – Ground Floor Plan	Husband Architects	DA20	B	19/12/23
Proposal Plans – Roof Plan	Husband Architects	DA21	A	09/10/23
Proposal Plans - Elevations	Husband Architects	DA30	A	09/10/23
Operational Works Plans – Site Survey & Existing Services	SCG Consulting Engineers	33153-OW1.1	–	Sept 23
Operational Works Plans – Silt & Sediment Erosion Plan	SCG Consulting Engineers	33153-OW2.1	A	Sept 23
Operational Works Plans – Earthworks Plan	SCG Consulting Engineers	33153-OW3.1	A	Sept 23
Operational Works Plans – Driveway & Access Plan	SCG Consulting Engineers	33153-OW4.1	B	Sept 23
Operational Works Plans – Driveway Levels	SCG Consulting Engineers	33153-OW4.2	B	Sept 23
Operational Works Plans – Driveway Details	SCG Consulting Engineers	33153-OW4.3	–	Sept 23
Operational Works Plans – Driveway Long section	SCG Consulting Engineers	33153-OW4.4	A	Sept 23
Operational Works Plans – Vehicle Turning Plan	SCG Consulting Engineers	33153-OW5.1	B	Sept 23
Operational Works Plans – Stormwater Management Plan	SCG Consulting Engineers	33153-SW1.1	B	Sept 23
Landscape Concept Plan – Cover Sheet & Drawing Index	LAUD ink	2309-001-SK001	B	23/02/24
Landscape Concept Plan – Ground Floor Planting Plan	LAUD ink	2309-001-SK002	B	23/02/24
Landscape Concept Plan – Plant Species Schedule, Images and Notes	LAUD ink	2309-001-SK010	B	23/02/24

Timing: At all times.

GEN2. The development herein approved may not start until the following development permits have been issued and complied with as required:

- Development Permit for Building Works; and
- Permit for Plumbing and Drainage Works.

GEN3. Prior to the issue of a Development Permit for Building Work, amalgamate Lot 9 on SP180642, Lot 26 on SP180642, Lot 27 on SP180642, Lot 28 on SP180642 and Lot 29 on SP180642 into one (1) lot and register the Plan of Subdivision.

GEN4. The approved development is a Material Change of Use for Showroom and Operational Work (Road Work, Stormwater, Drainage Work, Earthworks, Landscaping, and Access/Driveway), as shown on the approved plans and does not imply approval for other similar uses.

COMPLIANCE, TIMING, AND COSTS

GEN5. All conditions of the approval shall be complied with before the change occurs (prior to the commencement of the use) and while the use continues, unless otherwise noted within these conditions.

GEN6. The development (including landscaping, parking, driveway and other external spaces) shall be maintained in accordance with the Approved Plans, subject to and modified conditions of this approval.

GEN7. Maintain the site in a clean and orderly state at all times.

GEN8. All works, including the repair or relocation of services is to be completed at no cost to Council.

HOURS OF OPERATION

GEN9. The approved hours of operation (including staff movements and deliveries/servicing/waste collection) are 8:30am to 5:00pm, Monday to Wednesday and Friday to Sunday and 8:00am to 9:00pm on Thursdays.

MECHANICAL PLANT

MCU1. Mechanical plant (air conditioning, refrigeration equipment and pumps) must comply with the *Environmental Protection Act 1994* and be constructed in accordance with the recommendations of the approved Noise Impact Assessment.

Air conditioning and refrigeration equipment must achieve no more than 3dB(A) above the background level from 10pm to 7am and no more than 5dB(A) above the background level from 7am to 10pm when measured at an affected building.

Pumps (including heat pumps) must not be audible from 10pm to 7am, no more than 5dB(A) above the background level from 7am to 7pm and no more than 3dB(A) above the background level from 7pm to 10pm when measured at an affected building.

LIGHTING

MCU2. Design all external lighting in accordance with *AS4282-1997 "Control of the Obtrusive Effects of Outdoor Lighting"*.

Artificial illumination is not to cause a nuisance to occupants of nearby premises and any passing traffic. Direct security and flood lighting away from adjacent premises to minimise the protrusion of light outside the street.

REFUSE STORAGE COLLECTION

MCU3. Provision must be made for the storage and removal of refuse in accordance with the Waste Reduction and Recycling Regulation 2011.

MCU4. Refuse storage is to be included generally in accordance with the approved plans.

MCU5. Any areas that are dedicated for the collection and/or storage of solid waste on the premises are to be:

a) level;
b) provided with impervious hard stand and drained; and
c) if facing either the street frontage or adjoining properties, screened by a 1.8m high fence around the full perimeter.

MCU6. Refuse bin areas are to be provided for the washing out of the refuse bins and in connection with this:

a) all tap outlets must be fitted with backflow prevention devices;

b) the floor areas are to be drained to sewer; and
c) areas are to be covered and drainage designed such that water not associated with the washing out process (e.g. rainfall) does not enter the sewer.

MCU7. Refuse areas are to include screening at a minimum of 0.2 metres above the height of the refuse receptacles.

SCREENING

MCU8. Screening is to be included throughout the approved development generally in accordance with the approved plans.

LANDSCAPING

MCU9. Landscaping is to be generally in accordance with the approved plans. Prior to commencement of use, a suitably qualified Landscape Architect/Designer must provide written confirmation that the planted vegetation buffer complies with Council's Branching Out Guide and the provided landscaping plan.

Note: The submitted landscape plan for the vegetation buffer must include the tree selection and how the plantings are placed, irrigated and post planting care in accordance with Council's Branching Out Guide. Please provide the above details referencing suitable plant species, planting and establishment process from the aforementioned document.

Timing: Prior to commencement of the use, a suitably qualified Landscape Architect/Designer must provide written confirmation that the planted vegetation buffer complies with Council's Branching Out Guide and the provided landscaping plan.

ENGINEERING WORKS

ENG1. Complete all works approved and works required by conditions of this development approval and/or any related approvals at no cost to Council, prior to commencement of the use unless stated otherwise.

ENG2. Undertake Engineering designs and construction in accordance with the Planning Scheme, Council's standards, relevant design guides, and Australian Standards.

ENG3. Be responsible for the full cost of any alterations necessary to electricity, telephone, water mains, sewer mains, stormwater drainage systems or easements and/or other public utility installations resulting from the development or from road and drainage works required in connection with the development.

LOCATION, PROTECTION AND REPAIR OF DAMAGE TO COUNCIL AND PUBLIC UTILITY SERVICES INFRASTRUCTURE AND ASSETS

ENG4. Be responsible for the location and protection of any Council and public utility services infrastructure and assets that may be impacted on during construction of the development.

ENG5. Repair all damages incurred to Council and public utility services infrastructure and assets, as a result of the proposed development immediately should hazards exist for public health and safety or vehicular safety. Otherwise, repair all damages immediately upon completion of works associated with the development.

STORMWATER MANAGEMENT

ENG6. Connect the development to the existing underground stormwater system.

ENG7. Provide overland flow paths that do not adversely alter the characteristics of existing overland flows on other properties or that create an increase in flood damage on other properties.

ENG8. Ensure that adjoining properties and roadways are protected from ponding or nuisance from stormwater as a result of any site works undertaken as part of the proposed development.

ENG9. Discharge all minor storm flows that fall or pass onto the site to the lawful point of discharge in accordance with the Queensland Urban Drainage Manual (QUDM).

ENG10. Except for the stormwater manhole in Lot 26 on SP180642, all other existing stormwater infrastructure shall become private infrastructure for the purposes of the development.

WATER SUPPLY

ENG11. Connect the development to Council's reticulated water supply system via a single connection.

Comment: Whilst it is expected that suitable water pressure is available for firefighting purposes at the time the application was being assessed, due to the effects of aging infrastructure networks, changes in network flow characteristics and demands, the suitability of the water reticulation network to continually provide adequate flow and pressure requirements for firefighting purposes may not be guaranteed into the future. Hence it is the property owner's responsibility to periodically test the water pressure available to ensure that firefighting requirements are maintained, and to carry out remedial works if required e.g. onsite break tanks.

SEWERAGE

ENG12. Connect the development to Council's reticulated sewerage system via a single connection. The connection must be designed in accordance with Council's standards and be approved by Council's Utility Services Section.

ENG13. Actual connection to Council's live sewerage infrastructure must be undertaken by or under the supervision of Council.

ENG14. Do not build works within 1.5 metres from the centre of any existing sewer pipework or within the Zone of Influence, whichever is the greater (measured horizontally).

ENG15. Maintain a minimum of a 3 metre wide corridor to be maintained for maintenance/upgrade purposes.

ENG16. Ensure that a clear level area of a minimum of a 2.5 metre radius surrounding any existing sewer manholes on the site is provided for future maintenance/upgrade purposes.

ENG17. The above minimum clearances to Council's sewer infrastructure do not preclude the need for works to proposed structures to prevent loading to the sewer system.

ENG18. The existing sewer main between MH 2065/2 and MH 2065/1 shall be decommissioned, and either removed or core filled with flowable concrete. MH2065/2 shall also be decommissioned, and either removed or filled in.

PARKING AND ACCESS - GENERAL

ENG19. Design all access driveways, circulation driveways, parking aisles and car parking spaces in accordance with Australian Standard 2890.1 - Parking Facilities - Off Street Car Parking.

ENG20. Design and construct all carparking and manoeuvring areas with concrete, asphalt or a two-coat bitumen seal.

ENG21. Provide a minimum of seventy (70) car parking spaces including a minimum of two (2) person with disability (PWD) car parking spaces.

ENG22. Design & construct all PWD car parking spaces in accordance with AS2890.6.

ENG23. Provide vehicle bollards or tyre stops to control vehicular access and to protect landscaping or pedestrian areas where appropriate.

ENG24. Ensure access to car parking spaces, vehicle loading and manoeuvring areas and driveways remain unobstructed and available for their intended purpose during the hours of operation.

ENG25. Staff of the building's tenants shall be directed to park in the allocated staff carparking.

PARKING AND ACCESS - SERVICING

ENG26. Provide loading facilities for an Articulated Vehicle in the location generally shown on the approved plan(s) of development that are designed in accordance with Australian Standard 2890.2 – Off-street Commercial Vehicle Facilities.

ENG27. Design along the route to and from all loading bay facilities and the external road network, all access driveways, circulation driveways, parking aisles and the like with a layout that accommodates the turning movements of an Articulated Vehicle and ensure that all vehicles are able to enter and exit the site in a forward direction.

ENG28. Ensure loading and unloading operations are conducted wholly within the site and vehicles enter and exit the site in a forward direction.

ENG29. The accesses for the internal road along the southern boundary of the site shall be signed to indicate one-way vehicles movement from west to east. All signage shall be in accordance with the AS1742 Manual of Uniform Traffic Control Devices.

VEHICLE ACCESS

ENG30. Construct commercial crossovers between the property boundary and the edge of the Rogers Drive road pavement, in accordance with Standard Drawing IPWEAQ Std Dwg RS-051, Rev F. The width of the crossovers shall in accordance with the access details shown on SCG Consulting Engineers Drawing No 33153-OW4.1 B.

ENG31. Construct any new crossovers such that the edge of the crossover is no closer than 1 metre to any existing or proposed infrastructure, including any stormwater gully pit, manhole, service infrastructure (eg power pole, telecommunications pit), road infrastructure (eg street sign, street tree, etc).

ROADWORKS AND PEDESTRIAN SAFETY

ENG32. Carry out works so that the sight lines shown in Appendix A of the Rytenskild Traffic Engineering letter (Response to Council's Further Information Request) are maintained at all times. This includes:

a) The construction of a solid yellow barrier line on Rogers Drive to prevent vehicle parking. The line marking shall be installed in accordance with the AS1742.2:2022 Manual of Uniform Traffic Control Devices.

b) All fencing, landscaping and site operations shall be designed and constructed so that sight lines are not impeded at any time.

ENG33. Install signage for all works on or near roadways in accordance with the Manual for Uniform Traffic Control Devices – Part 3, Works on Roads.

ENG34. Submit to Council, an application for any footpath, road or lane closures, and ensure all conditions of that approval are complied with during construction of the works.

ENG35. Maintain safe pedestrian access along Council's footpaths at all times.

ELECTRICITY AND TELECOMMUNICATION

ENG36. Connect the development to electricity and telecommunication services.

EROSION AND SEDIMENT CONTROL - GENERAL

ENG37. Ensure that all reasonable actions are taken to prevent sediment or sediment laden water from being transported to adjoining properties, roads and/or stormwater drainage systems.

ENG38. Remove and clean-up sediment or other pollutants in the event that sediment or other pollutants are tracked/released onto adjoining streets or stormwater systems, at no cost to Council.

EASEMENTS

ENG39. The following easements shall be extinguished:

a) Emt L SP180642;
b) Emt M SP180642;
c) Emt N SP180642;
d) Emt O SP180642.

A new drainage easement shall be created over the stormwater manhole in Lot 26 on SP180642.

OPERATIONAL WORKS – OPW23/0015

GENERAL

ENG1. Compliance with the plans and specifications submitted with Development Application OPW23/0015 approval conditions, all Council Planning Scheme Policies and Material Change of Use Approval No. MCU23/0026.

ENG2. This approval extends to Engineering works for Earthworks, Stormwater, Accesses, and Carparking as detailed, and is conditional upon a set of "Issued for Construction" drawings, amended if required by the conditions of this approval, being submitted to Council for endorsement, prior to pre-start meeting.

ENG3. Undertake all approved works and works required by conditions of this development approval at no cost to Council.

ENG4. Submit to Council for approval, an Inspection and Test Plan certified by a suitably qualified Engineer (RPEQ – Civil) prior to commencement of any work and prior to any pre-start meeting.

ENG5. Pay to Council, inspection fees based on Council's Fees and Charges current at the time of commencement of works and based on the estimated project cost as estimated or accepted by Council prior to the pre-start meeting.

ENG6. Ensure that supervision of all construction works are carried out by a suitably qualified and experienced Engineer (RPEQ).

ENG7. Adhere to the following hours of construction unless otherwise approved in writing by Council:

Monday to Saturday:	6.30am to 6.30pm	Noise permitted
Monday to Sunday:	6.30pm to 6.30am	No noise permitted
Sunday and Public Holidays:		No noise permitted

Do not conduct work or business that causes audible noise from or on the site outside the above hours.

ENG8. Be responsible to carry out Work Health and Safety legislative requirements.

ENG9. Ensure all work sites are maintained in a clean, orderly state at all times.

ENG10. Manage all waste in accordance with the relevant legislation and regulations and dispose of regulated waste at a licensed facility of South Burnett Regional Council by a licensed regulated waste disposal contractor.

ENG11. Be responsible for the location and protection of any Council and public utility services infrastructure and assets that may be impacted on during construction of the development.

ENG12. Repair all damages incurred to Council and public utility services infrastructure and assets, as a result of the proposed development, immediately should hazards exist for public health and safety or vehicular safety. Otherwise, repair all damage immediately upon completion of works associated with the development.

ENG13. Works are to be constructed generally in accordance with the specification requirements outlined in Aus-Spec #1 and the IPWEAQ Standard Drawings unless otherwise approved by South Burnett Regional Council.

STORMWATER

ENG14. Ensure that earthworks and fill on the subject land do not lead to ponding of stormwater or actionable nuisance and drain freely to a lawful point of discharge in accordance with the Queensland Urban Drainage Manual.

ENG15. Do not concentrate stormwater onto adjoining properties.

ENG16. Provide appropriate energy dissipation and scour protection measures at stormwater outlets.

ROADWORKS

ENG17. Construct a solid yellow barrier line on Rogers Drive to prevent vehicle parking to achieve the sight lines shown in Appendix A of the Rytenskild Traffic Engineering letter (Response to Council's Further Information Request) are maintained at all times. The line marking shall be installed in accordance with the AS1742.2:2022 Manual of Uniform Traffic Control Devices.

DEVELOPMENT WORKS

ENG18. Maintain erosion and sedimentation controls at all times during the course of the project and the ensuing defects liability period. Council Officers will inspect and assess the sediment and erosion control measures and temporary fencing implemented, and any alterations and/or supplementary works required must be incorporated.

ENG19. Implement measures to prevent site vehicles tracking sediment and other pollutants from the site onto adjoining streets during the course of the project, and to prevent dust nuisance during construction and the ensuing defects liability period.

ENG20. Be responsible for protecting nearby property owners from dust pollution arising from construction and maintenance of the works required by this approval and comply with any lawful instructions from the Assessment Manager if, in his opinion, a dust nuisance exists.

ENG21. Waste material as a result of demolition work and excavation work must not be used as fill as described within the *Waste Reduction and Recycling Act 2011*.

EARTHWORKS

ENG22. Supervise bulk earthworks to Level 1 or Level 2 as applicable and have a frequency of field density testing carried out in accordance with Table 8.1 of AS3798.

ENG23. Contain cut or fill batters wholly within the subject land. Do not place fill on adjacent properties without providing Council with written permission from the respective property owner(s).

ENG24. Do not store plant or material on adjoining lands without written permission from the respective property owner(s).

ENG25. Do not use contaminated material as fill on the site. Undertake any filling using inert materials only, with a maximum particle size of 75mm.

ENG26. Ensure open drains and fill platforms are constructed with a longitudinal grade on no less than 0.1%.

ENG27. Submit to Council, the following for approval in the event it is proposed to import material to or export material from the site, prior to commencement of the work:

a) details of the location of any material to be sourced for fill including the volume of fill to be moved from any particular source site;

b) details of the final location for any material to be exported from the site from excavations including the volume to be moved to any particular site; and

c) the proposed haulage route(s) and truck sizes for carting of the material.

Note: Further Development Applications may be required to be submitted to and approved by Council for sites proposed to import material from or export material to, or conditions may be applied to any sites endorsed in accordance with this condition, eg. submit a Traffic Management Plan to Council for acceptance, or rehabilitation of the site. Any required approvals are to be in place prior to commencement of the work.

This approval does not extend to any material proposed to be imported to or exported from the site:

a) other than from or to site(s) that have a current Development Approval enabling them to export/accept any material; or

b) the material is being exported to and accepted at a licensed Council refuse facility.

SEWER

ENG28. The existing sewer main between MH 2065/2 and MH 2065/1 shall be decommissioned, and either removed or core filled with flowable concrete. MH2065/2 shall also be decommissioned, and either removed or filled in.

INSPECTIONS AND TESTING

ENG29. Submit to Council the pre-start meeting agenda at the confirmation of a date and time for the meeting.

ENG30. Provide Council with a minimum of two clear working days notice to undertake compulsory inspections and meetings at the following stages:

(a) Pre-start meeting with Council, Contractor, Supervising Engineer and developer;
(b) at the point of completion of all work.

ENG31. Submit to Council, all inspection and test data in its entirety prepared by the applicant, Engineer, Principal Contractor or by Subcontractors in relation to the Operational Work or as described in the application prior to commencement of the use. Undertake any further

inspection, testing or analysis required, due to failure of work to meet specifications or where the testing previously provided is considered insufficient on behalf of the Principal Contractor by a NATA accredited entity (where applicable).

ENG32. Uncover all works covered prior to inspection to allow inspection by Council at Council's sole discretion.

ENG33. Allow Council to enter a work site to which this approval relates and undertake testing or analysis of any part of the construction, and Council is not liable for the rectification of or compensation for any damage caused in the testing or analysis process. Should work be found to be not constructed to specification or of poor quality, any reasonable instruction given by Council Officers must be considered to be a condition of approval and undertaken by the Principal Contractor.

ENG34. Where complete or incomplete works under this approval adversely affect adjoining properties, Council land, roads or other infrastructure, Council requires by notice, works to be completed.

ENG35. Undertake any works for the safety or health of the community or protection of infrastructure where Council deems it necessary.

AS CONSTRUCTED INFORMATION

ENG36. Submit to Council within 10 working days of completion of the operational work, suitable "As Constructed" drawings in hard copy and AutoCAD format and on GDA Zone 56 co-ordinates. The "As Constructed" drawings or data capture methods as required by Council must be certified by a Registered Professional Engineer of Queensland (RPEQ) on every drawing and shall be to an appropriate electronic format and standard as required by Council's Infrastructure Services General Manager.

The approval is subject to construction being undertaken in accordance with the Approved Plans prepared by SCG Consulting Engineers as listed below:

Drawing No.	***Rev***	***Drawing/Plan Title***	***Date***
33153-CS	–	*Cover sheet*	*Sept 23*
33153-CN	–	*Construction Notes*	*Sept 23*
33153-OW1.1	–	*Site Survey & Existing Services*	*Sept 23*
33153-OW2.1	*A*	*Silt & Sediment Erosion Plan*	*Sept 23*
33153-OW3.1	*A*	*Earthworks Plan*	*Sept 23*
33153-OW4.1	*B*	*Driveway & Access Plan*	*Sept 23*
33153-OW4.2	*B*	*Driveway Levels*	*Sept 23*
33153-OW4.3	–	*Driveway Details*	*Sept 23*
33153-OW4.4	*A*	*Driveway Longsection*	*Sept 23*
33153-OW5.1	*B*	*Vehicle Turning Plan*	*Sept 23*
33153-SW1.1	*B*	*Stormwater Management Plan*	*Sept 23*

ADVICE NOTES

The applicant be advised that:

(a) Prior to commencement of the use or endorsement of the survey plan as applicable, the applicant shall contact Council to arrange a Development Compliance Inspection.

(b) The applicant must ensure compliance with environmental conditions whether required to hold an Environmental Authority or not. These include, but are not limited to water quality, air quality, noise levels, waste waters, lighting and visual quality as a result of any activity or by-product or storage of materials within the confines of the building(s) and property boundaries.

Any amendment, alteration or addition to the development approval will require further consideration by Council in assessing any changes to the environmental conditions.

(c) The *Aboriginal Cultural Heritage Act 2003* (ACHA) is administered by the Department of Aboriginal and Torres Strait Islander and Multicultural Affairs (DATSIMA). The ACHA establishes a duty of care to take all reasonable and practicable measures to ensure any activity does not harm Aboriginal cultural heritage. This duty of care:
(i) is not negated by the issuing of this development approval;
(ii) applies on all land and water, including freehold land;
(iii) lies with the person or entity conducting an activity; and
(iv) if breached, is subject to criminal offence penalties.

Those proposing an activity involving surface disturbance beyond that which has already occurred at the proposed site must observe this duty of care. Details of how to fulfil this duty of care are outlined in the duty of care guidelines gazetted with the ACHA. The applicant should contact DATSIP's Cultural Heritage Co-ordination Unit on telephone (07) 3224 2070 for further information on the responsibilities of developers under the ACHA.

(d) The ***relevant period*** for the development approval (Material Change of Use) shall be **six (6) years** starting the day the approval is granted or takes effect. In accordance with Section 85(1)(a) of the *Planning Act 2016* (PA), the development approval for Material change of Use lapses if the change of use does not happen within the abovementioned ***relevant period.***

An applicant may request Council to extend the ***relevant period*** provided that such request is made in accordance with Section 86 of PA and before the development approval lapses under Section 85 of the PA.

(e) The ***relevant period*** for the development approval (Operational Work) shall be **two (2) years** starting the day the approval is granted or takes effect. In accordance with Section 85(1)(c) of the *Planning Act 2016* (PA), the development approval for Operational Work lapses if the development does not substantially start within the abovementioned ***relevant period.***

An applicant may request Council to extend the ***relevant period*** provided that such request is made in accordance with Section 86 of PA and before the development approval lapses under Section 85 of the PA.

(e) Council is to be indemnified against any claims arising from works carried out by the applicant on Council's property.

(f) The relevant Planning Scheme for this Development Permit is the South Burnett Regional Council Planning Scheme 2017. All references to the Planning Scheme and Schedules within these conditions refer to the above Planning Scheme.

(g) Infrastructure charges are now levied by way of an infrastructure charges notice, issued pursuant to section 119 of the Planning Act 2016.

(h) Council is offering a reduction in infrastructure charges payable through the development incentive scheme which is available between 1 December 2020 and 31 December 2025. Eligible development under this scheme is required to be completed by 31 December 2025.

For further information or application form please refer to the rules and procedures available on Council's website.

FINANCIAL AND RESOURCE IMPLICATIONS

No implication can be identified.

LINK TO CORPORATE/OPERATIONAL PLAN

Growing our Region's Economy and Prosperity

- GR8 Support and advocate for appropriate growth and development with responsive planning schemes, process, customer service and other initiatives.

COMMUNICATION/CONSULTATION (INTERNAL/EXTERNAL)

Refer to CONSULTATION in this report.

LEGAL IMPLICATIONS (STATUTORY BASIS, LEGAL RISKS)

No implication identified.

POLICY/LOCAL LAW/DELEGATION IMPLICATIONS

No implication can be identified.

ASSET MANAGEMENT IMPLICATIONS

No implication can be identified.

Delegate Authority Date: 4 June 2024

REPORT

1. APPLICATION DETAILS

Site address	5-13 Rogers Drive KINGAROY
Real property description	Lots 9, 26, 27, 28 and 29 SP180642
Easements or encumbrances on title	Lot 9 – Easement Q: Stormwater Drainage purposes Lot 26 – Easement L: Stormwater Drainage purposes (Sewerage also contained within) Lot 27 – Easement M: Stormwater Drainage purposes (Sewerage also contained within) Lot 28 – Easement N: Stormwater Drainage purposes Lot 29 – Easement O: Stormwater Drainage purposes
Area of Site	6,383sqm Current configuration of lots are: Lot 9 – 1,032m^2 Lot 26 – 1,517m^2 Lot 27 – 1,312m^2 Lot 28 – 1,268m^2 Lot 29 – 1,254m^2
Current Use	Vacant land
Environmental Management Register or Contaminated Land Register	No known listing
Applicant's name	Cape Moreton Company Pty Ltd C/- Adapt Planning Pty Ltd
Zone	Specialised Centre Zone
Applicable Overlays	Airport Environs Overlay • Distance from airport – 3km Agricultural Land Overlay • Important Agricultural Areas • Agricultural Land Classification Class A Flood Hazard Overlay • Flood Hazard Area
Proposed use as defined	**Showroom** *Premises used for the sale of goods that are of—* *(a) a related product line; and* *(b) a size, shape or weight that requires—* *(i) a large area for handling, display or storage; and* *(ii) direct vehicle access to the building that contains the goods by members of the public, to enable the loading and unloading of the goods.*
Details of proposal	Material Change of Use (MCU's)
	▪ Gross Floor Area (GFA) 2,765sqm
	▪ Building height 9.3 metres

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	▪ Site Cover	43%	
	▪ Access	Two (2) new crossovers to Roger Drive for general parking and two (2) new crossovers for a service lane at the rear of the development.	
	▪ Landscaping	10%	
	▪ Number of car parks	Seventy (70) on-site spaces	
	▪ Number of tenancies	Three (3) tenancies	
Application type	Aspects of Development	Type of Approval Requested	
		Preliminary Approval	Development Permit
	Material Change of Use (MCU)		X
	Reconfiguration of a Lot (RAL)		
	Building Work (BW)		
	Operational Work (OPW)		X
Level of Assessment	Code Assessment		
Pre-lodgement / Consultation history	Not applicable		
Key planning issues e.g. vegetation, waterway corridors, overland flow	- Pedestrian safety - Car parking provision		
Referral agencies	Agency	Concurrence/ Advice	
	NA	NA	
Public notification	Not applicable		

2. THE SITE

This section of the report provides a description of the site, details about the existing use and notable characteristics of the site, the standard of servicing, and the form of development in the immediately locality.

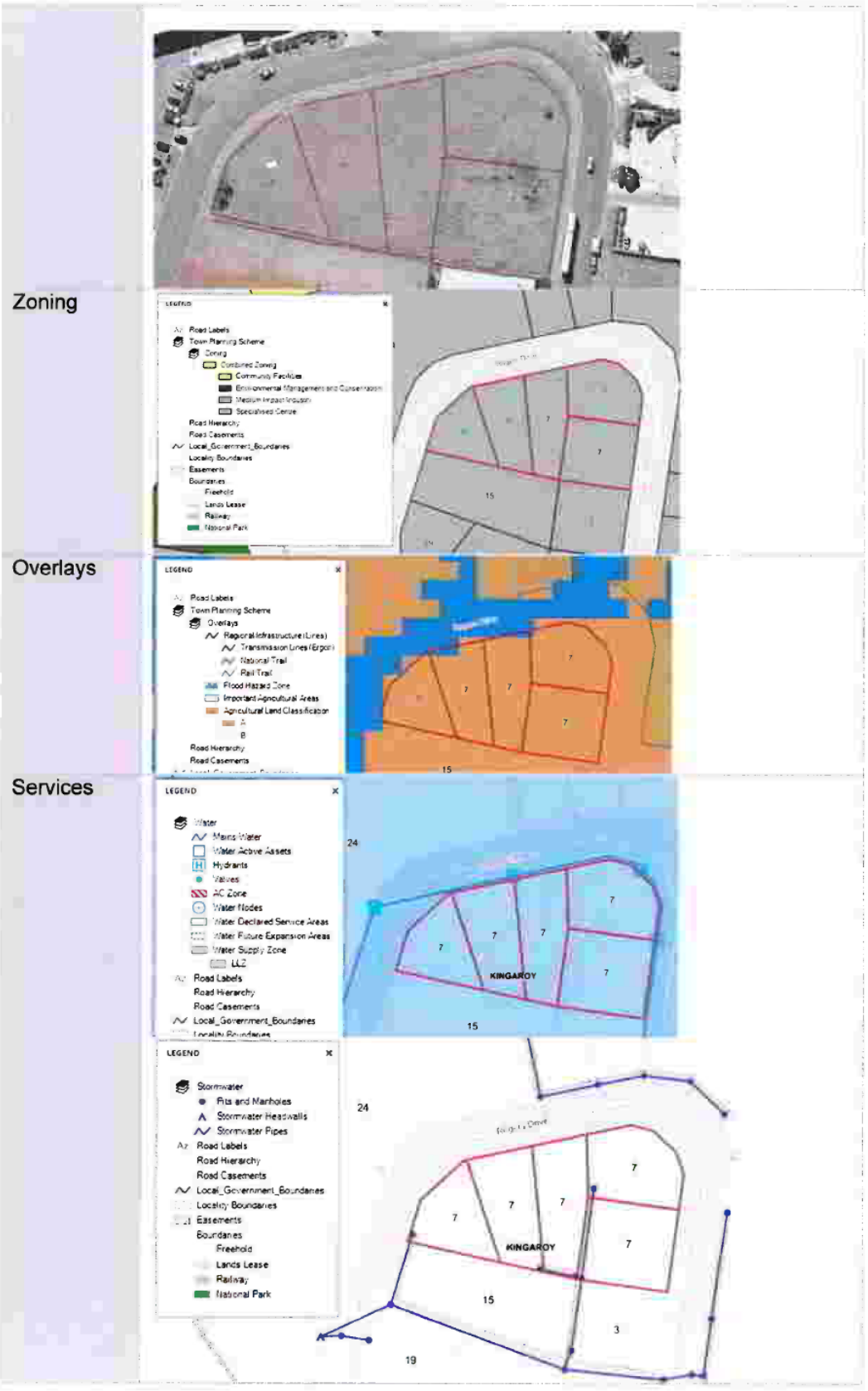
2.1. SITE DESCRIPTION & EXISTING USE

The subject site is located at 5-13 Rogers Drive, Kingaroy, and is formally described as Lots 9, 26, 27, 28, and 29 on SP180642 (refer to **Table 1**). The site has an area of 6,383m^2 and exhibits a frontage of approximately 210 metres to Rogers Drive with no established vehicle crossovers/access points. The subject site is currently vacant and is devoid of significant vegetation.

Table 1 – Maps & Descriptions (Source: Intramaps)

Site	

Delegate Authority Date: 4 June 2024





2.2. DEVELOPMENT HISTORY OF THE SITE

The subject site is currently vacant and no past development applications are recorded against the site.

3. PROPOSAL DETAILS

The development application seeks a Development Permit for a Showroom, as defined under the South Burnett Regional Council Planning Scheme, comprising three (3) tenancies described as follows:

- Tenancy 01 – 1,801m^2;
- Tenancy 02 – 496m^2;
- Tenancy 03 – 468m^2.

In addition to the Material Change of Use component, the development application also seeks a Development Permit for Operational Work for Road Work, Stormwater, Drainage Work, Earthworks, Landscaping and Access/Driveway.

The development proposes a site cover of 43% and gross floor area of 2,765m^2. Landscaping is proposed at a rate of 10% of the site area and is provided along the site frontage.

The proposed hours of operation are 8:30am to 5:00pm, Monday to Wednesday and Friday to Sunday and 8:00am to 9:00pm on Thursdays.

The development and associated parking area will be accessed via two new 7-metre-wide vehicle crossovers to Rogers Drive (for general public / users). Separate access is provided in the south-eastern and south-western corners for a servicing access lane which runs adjacent the southern boundary to accommodate service vehicles up to a Heavy Rigid Vehicle (HRV) and staff carparking. Seventy (70) on-site car parking spaces are to be provided, including one (1) PWD space, in lieu of the prescribed one-hundred and fifty-one (151) spaces per Table 9.4.5 of the Planning Scheme.

A Traffic Impact Assessment prepared by a suitably qualified person (RPEQ) has been provided addressing the shortfall. It is noted that an Information Request was issued requesting parking be revised to a minimum of 1 space per 40m^2 of GFA (70 spaces), as the application originally proposed 1 space per 40m^2 of GFA (60 spaces). The final Traffic Impact Assessment included recommendations / conclusions stating that the rate prescribed under the Planning Scheme is typical for higher density retail uses (supermarkets and specialty shops) and is not reflective of the demand generated for bulky goods retailers. The report instead suggests the rate for conventional bulky goods retailers is appropriately 1 per approx. 40m^2 of GFA as uses of this nature tend to have reduced vehicle trips. It is considered that the proposed parking will meet the needs of the occupants, employees, visitors and other users.

The proposal details are set out in **Table 2** below.

Table 2. Proposal Details.

Development Component	Proposed
Tenancies	Three (3) – Individual tenancies
Gross Floor Area	2,765m^2 comprising: • Tenancy 01: 1,801m^2; • Tenancy 02: 496m^2; and • Tenancy 03: 468m^2.
Building height	Maximum 9.3 metres
Number of parking spaces	Seventy (70) on-site parking spaces
Access	Vehicle access (multiple) via Rogers Drive
Site Cover	43%

Figure 1 to **Figure 3** below include the proposed site plan, floor plan, and elevations for the development.



Figure 1. Proposed Site Plan.

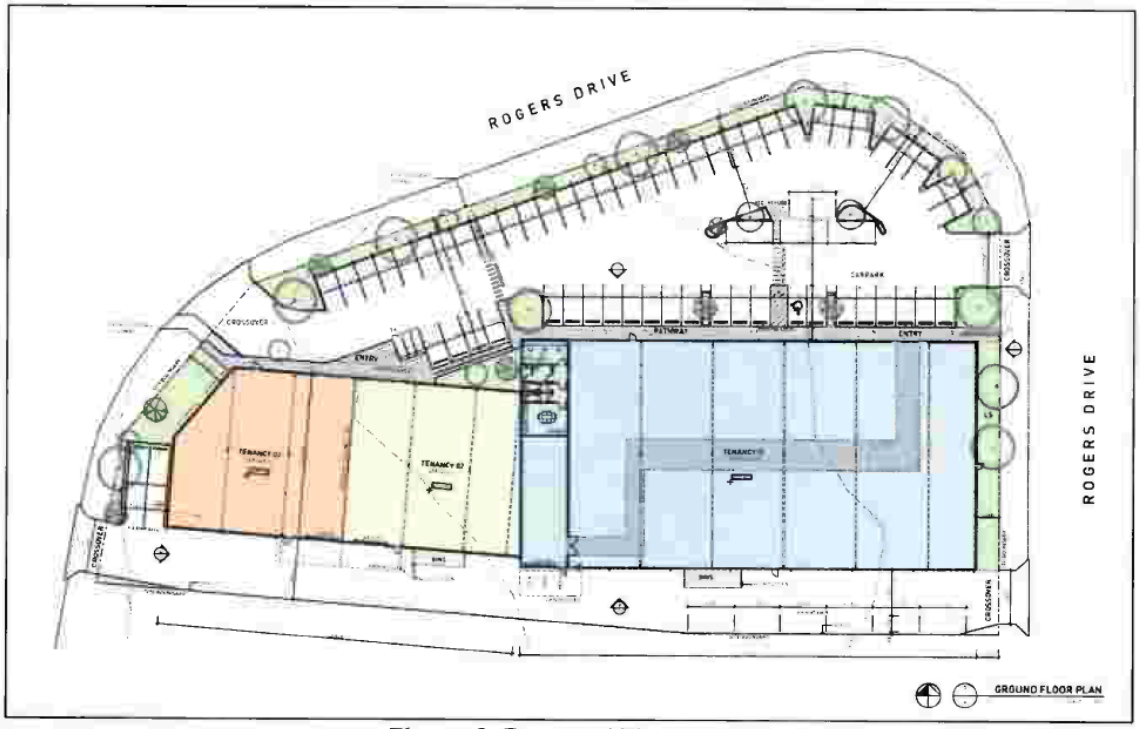


Figure 2. Proposed Floor Plan.

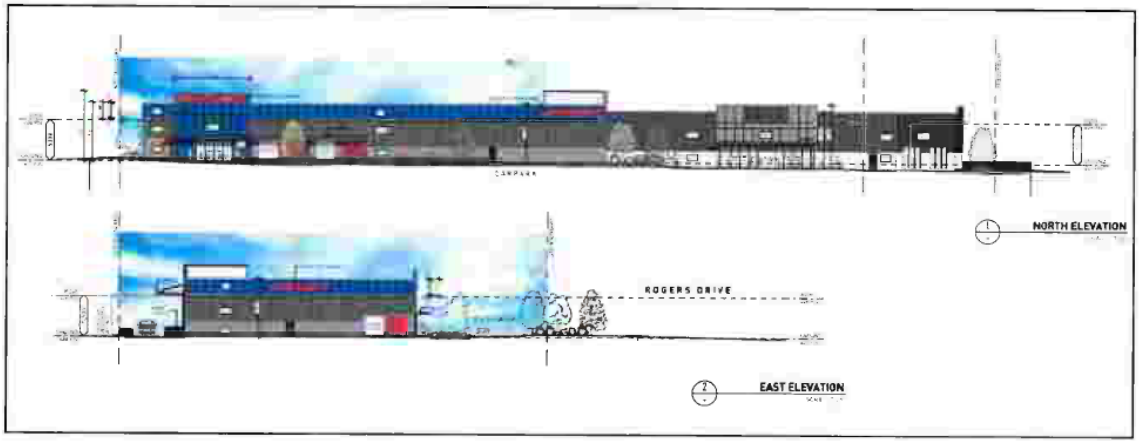




Figure 3. Elevation Plans.

4. ASSESSMENT OF ASSESSMENT BENCHMARKS

Framework for Assessment
Categorising Instruments for Statutory Assessment

For the *Planning Act 2016*, the following Categorising Instruments may contain Assessment Benchmarks applicable to development applications:

- the *Planning Regulation 2017*
- the Planning Scheme for the local government area
- any Temporary Local Planning Instrument
- any Variation Approval

Of these, the planning instruments relevant to this application are discussed in this report.

Planning Act 2016, Section 26 – Assessment Benchmarks generally

(1) For section 45(3)(a) of the Act, the code assessment must be carried out against the assessment benchmarks for the development stated in schedules 9 and 10.

(2) Also, if the prescribed assessment manager is the local government, the code assessment must be carried out against the following assessment benchmarks—

(a) the assessment benchmarks stated in—

(i) the regional plan for a region, to the extent the regional plan is not identified in the planning scheme as being appropriately integrated in the planning scheme; and

(ii) the State Planning Policy, part E, to the extent part E is not identified in the planning scheme as being appropriately integrated in the planning scheme; and

(iii) a temporary State planning policy applying to the premises;

(b) if the local government is an infrastructure provider—the local government's LGIP.

(3) However, an assessment manager may, in assessing development requiring code assessment, consider an assessment benchmark only to the extent the assessment benchmark is relevant to the development.

4.1. PLANNING REGULATION 2017

The Planning Regulation 2017 forms the mechanism by which the provisions of the Act are administered. The Regulation has the ability to regulate and prohibit development and determines the assessment manager and the matters that trigger State interests.

PLANNING REGULATION 2017 DETAILS	
WBB Regional Plan Designation:	Wide Bay Burnett Regional Plan 2011 – Urban Footprint The Urban Footprint identifies land that can meet the region's projected urban development needs to at least 2031. By 2031, it is anticipated that an additional 4300 dwellings will be required to house growth within the South Burnett region. Urban and rural living broad hectare land can accommodate a significant proportion of the required dwellings. Urban Footprint Principles: • The Urban Footprint is a tool for managing, rather than simply accommodating, regional growth. • The Urban Footprint is consistent with achieving a compact settlement pattern, consolidating urban development within established communities, and the strategic directions and regional policies set out in the regional plan. • The Urban Footprint is designed to accommodate all of the region's urban development needs consistent with the policy framework of the regional plan. This includes all housing, employment and open space

	to 2031, based on population, housing and employment projections and reasonable assumptions available to predict future growth. • To amend Urban Footprint boundaries, local adjustments can be considered through the regional and local plan-making processes to reflect changed, new or better information, correct anomalies or recognise constraints. • Opportunities for increasing the capacity of the existing Urban Footprint should be given higher priority than expanding the Urban Footprint, which should only be done if there is insufficient capacity to accommodate the planned distribution of regional growth. • Areas to be considered in the Urban Footprint should: o be physically suitable; o exclude areas with an unacceptable risk from natural hazards, including the predicted impacts of climate change; o exclude areas of high ecological significance; o exclude areas with high Indigenous and non-Indigenous cultural heritage values that significantly conflict with urban use; o be appropriately separated from incompatible land uses; o be adjacent to, and a logical expansion of, an existing urban area o have access to the transport network and services reflective of the development type. • New areas of Urban Footprint land should be located to: o achieve an appropriate balance of urban development in the region and associated subregions; o maintain a well-planned region of distinct cities, towns and villages; o maintain the integrity of inter-urban breaks; o minimise impacts on natural resources; o maximise the use of existing and planned urban infrastructure; o enable the efficient provision of physical and social infrastructure, including public transport; o have ready access to services and employment ; o ensure significant non-residential activities achieve specific locational, infrastructure and site requirements. • Priority for new Urban Footprint areas should be given to Identified Growth Areas (IGAs) where supported by specific investigations. • The boundary of the Urban Footprint should be: o based on property boundaries or otherwise clearly defined, preferably using a major feature such as a road or stream to provide a clear boundary and buffer between urban and non-urban land uses; o consistent with existing planning scheme designations or development commitments, where appropriate; o continuous around each discrete urban area. As the proposed development is for a Showroom in the Specialised centre zone, the proposal is considered consistent with the Regional Plan. In late 2023, the Wide Bay Burnett Regional Plan 2023 was released. Given the nature of the proposed development, it is unlikely to conflict with the goals of the new Regional Plan, noting the site is outside any priority agricultural or environmental areas and that it is not applicable to the assessment of the proposed development given the Regional Plan was adopted post-lodgement of the development application.

4.2. REFERRAL AGENCIES

To determine whether the development application requires referral to the State Assessment and Referral Agency (SARA) or 'another entity', an assessment of the proposal against Schedule 10 of the Regulation has been undertaken.

The application does not require referral to any referral agencies prescribed under Schedule 10, as demonstrated in Table 3.

4.3. STATE PLANNING POLICY

The State Planning Policy (July 2017) (SPP) commenced on the 3 July 2017 and is effective at the time of writing this report. The Planning Regulation 2017 (PR 2017) states the assessment must be carried out against the assessment benchmarks stated in Part E of the State Planning Policy to the extent Part E is not appropriately integrated into the planning scheme.

In accordance with section (8)(4)(a) of the Act, the State Planning Policy applies to the extent of any inconsistency with the Planning Scheme.

State Planning Policy Part E	
Liveable communities and housing	No applicable assessment benchmarks
Economic growth • Agriculture. • Development and construction. • Mining and extractive resources. • Tourism.	**Complies** The site is identified as containing Class A agricultural land. However, this site is in the Specialised Centre zone and is surrounded by existing commercial land uses. There will be no further impact on agricultural values.
Planning for the environment and heritage. • Biodiversity. • Coastal environment. • Cultural heritage. • Water quality	No applicable assessment benchmarks
Safety and resilience to hazards • Emissions and hazardous activities • Natural hazards, risk, and resilience.	No applicable assessment benchmarks
Infrastructure • Energy and water supply. • Infrastructure integration. • Transport infrastructure. • Strategic airports and aviation facilities. • Strategic ports.	**Complies** The site is connected to all necessary urban infrastructure including water, electricity, sewerage and telecommunications.

4.4. DEVELOPMENT CODE ASSESSMENTS

Pursuant to Section 5.5 – Table 5.5.15 - Level of Assessment in the Specialised Centre Zone, an application for Material Change of Use for a Showroom is subject to Code Assessment. Pursuant to Section 5.8 – Table 5.8.1 – Level of Assessment for Operational Work, an application for Operational Work is subject to Code Assessment.

The relevant assessment benchmarks are:

- Specialised Centre Zone Code; and
- Services and Works Code.

Specialised Centre Zone Code

The subject site is situated in the Specialised Centre Zone of the Planning Scheme. The purpose of the Specialised Centre Zone provides for 1 or more specialised uses including, for example, conference centres, entertainment centres, education and research facilities or university campuses. Whilst there is no particular definition for a 'specialised use', the proposal is considered appropriate for the zone as it involves a Showroom, being a contemplated use within the zone (categorised as such by the prescribed level of assessment).

The following table sets out an assessment of the proposal against the Acceptable Outcomes and Performance Outcomes for the Specialised Centre Zone Code.

Table 6.2.15.3 Criteria for Assessment

Performance outcomes	**Requirements for accepted development and assessment benchmarks**	**Response**
Section 1 General		
PO1 The scale, bulk and design of buildings provides a safe and welcoming built environment that reflects a commercial environment despite the industrial scaled and proportioned buildings.	**AO1.1** Buildings are a maximum of 10m high. AND **AO1.2** Buildings are set back at least 6m from the street alignment. AND **AO1.3** Architectural features are used to make building entrances clearly distinguishable from the street. AND **AO1.4** At least 50% of parking sits behind the front building line. AND **AO1.5** The façade incorporates substantial articulation or fenestration.	**Complies with AO1.1.** The proposed development includes a maximum building height of 9.3 metres to the top of the parapet. **Performance Outcome.** As the subject site is a corner lot (located on a bend), the site has sole frontage to Rogers Drive for a majority of the property boundary (northern, eastern and western). As such, the eastern and western setbacks are 3 metres and 5.12 metres respectively. The northern setback is a minimum of 1.5 metres to the carparking area. The proposed development incorporates landscaping along the entire street frontage to Rogers Drive and throughout the car park to limit visual impact from the streetscape and buffer the bulk of the development. The proposal is therefore considered to comply with PO1 of the Specialised Centre Zone Code and is consistent with surrounding development and development in an industrial context. **Performance Outcome.** The majority of parking is located forward of the building line, toward Rogers Drive. Despite this, however, landscaping is to be provided around the entire frontage to Rogers Drive with a width of

Performance outcomes	Requirements for accepted development and assessment benchmarks	Response
	AND	between 1.5m and 5.12m. The proposal is therefore considered to comply with the performance outcome as the landscaping will soften the built form.
	AO1.6 Plant and service equipment (air conditioning, exhaust fans, lift motor rooms, refuse bins, telecommunication devices, etc) are integrated into buildings.	**Complies with AO1.6.** Refuse bins are located at the rear of the site, with a dedicated servicing lane, separated from the customer parking lot at the front of the site.
PO2 Development provides a safe and secure environment.	**AO2.1** Development provides: (a) opportunities for casual surveillance and sightlines to and from open spaces, streets and adjacent development; (b) activity areas adjacent to pedestrian pathways; (c) pathways, underpasses and other spaces that minimise sudden changes of grade and blind corners; (d) lighting of external areas; (e) increased visibility of high risk areas such as car parks, stairwells and the like; (f) entrances to buildings that are oriented to face open or 'active' spaces; and (g) clear sight lines from within the building at the entry point. AND **AO2.2** Parking areas with more than 20 parking spaces provide dedicated, obvious and direct pedestrian paths linking parking spaces with public streets and/or entry points to on-site commercial premises. AND **AO2.3** Pedestrian movement areas involve minimal vehicle conflict points and facilitate equitable access. AND	**Complies with AO2.1.** The proposed development is oriented to Rogers Drive, with parking located at the front of the building, allowing for casual surveillance opportunities. **Complies with AO2.2.** The proposed development includes 70 car parking spaces, with pedestrian paths included, safely connecting the entry points of the development with Rogers Drive. **Complies with AO2.3.** The proposed development incorporates pedestrian crossings safely connecting the entry points of the

Performance outcomes	Requirements for accepted development and assessment benchmarks	Response
		development with Rogers Drive.
	AO2.4 The ground level of buildings facing the primary frontage comprises at least 50% glass.	**Performance Outcome.** The proposed development is oriented to the street frontage, incorporating glass entry doors and pedestrian pathways leading from Rogers Drive.
PO3 Development is adequately serviced.	**AO3.1** Development is connected to reticulated water supply and sewerage. AND **AO3.2** Stormwater is discharged to a lawful point of discharge.	**Complies with AO3.1.** The proposed development is able to be connected to all essential services. **Complies with AO3.2.** A Stormwater Management Plan was prepared in support of the application demonstrating a lawful point of discharge.
PO4 Refuse storage areas are located for convenient collection, screened from public view and provided with facilities for self-contained cleaning.	**AO4.1** Refuse storage areas allow the appropriately-sized collection vehicle to enter and exit in a forward gear. The use of staff car parking areas to accommodate internal manoeuvring is permissible. AND **AO4.2** The refuse storage area is provided in a building or other enclosed structure screened to a minimum height of 0.2m above the height of the refuse receptacles. AND **AO4.3** Refuse storage areas are provided with an impervious base that is drained to an approved waste disposal system and provided within a dedicated hose cock.	**Complies with AO4.1.** Refuse storage is included at the rear of the site, with service vehicles proposed to access the site via separate access crossovers at the south-western and south-eastern corners of the site, allowing HRVs to enter and exit the site in forward gear. **Condition Imposed.** The proposed refuse storage area is at the rear of the site and is to be screened. A condition has been included to ensure the screening is a minimum of 0.2 metres above the height of the refuse receptacles. **Condition Imposed.** A condition has been included to ensure compliance with AO4.3.
PO5 Development is located and designed to ensure that land uses are not exposed to:	**AO5.1** Development does not occur: (a) In areas that pose a health risk from previous activities; and	**Complies with AO5.1.** The proposed development is not located on land that poses a health risk or is listed on the Contaminated Land Register

Performance outcomes	Requirements for accepted development and assessment benchmarks	Response
(a) Areas that pose a health risk from previous activities; and (b) Unacceptable levels of contaminants.	(b) On sites listed on the Contaminated Land Register or Environmental Management Register. OR **AO5.2** Areas that pose a health risk from previous activities and contaminated soils which are subject to development are remediated prior to plan sealing, operational works permit, or issuing of building works permit.	or Environmental Management Register. **Not Applicable.**
Section 2 For development affected by one or more overlays		
Airport environs overlay		
Wildlife hazards sub-area		
PO6 Development does not significantly increase the risk of wildlife hazard particularly flying vertebrates, such as birds and bats, intruding within an airport operational airspace.	No outcome specified.	**Complies with PO6.** The proposed development includes a refuse storage area at the rear of the site which is screened and enclosed. The development does not increase the risk of wildlife hazard intruding within operational airspace.

Summary of Compliance with Specialised Centre Zone Code

The proposed development generally complies with the acceptable outcomes of the Specialised Centre Zone Code. Performance Outcomes are sought in relation to setbacks and the location of parking. In each case, sufficient reporting was submitted from the applicant and/or conditions imposed to demonstrate compliance.

Services and Works Code

Table 8.4.2—Assessable development

Performance outcomes	Requirements for accepted development and assessment benchmarks	Response
Section 1 General		
PO1 The development is planned and designed considering the land use constraints of the site for achieving stormwater design objectives.	**AO1.1** A stormwater quality management plan provides for achievable stormwater quality treatment measures that meet the design objectives identified in Table 9.4.4.	**Complies with AO1.1.** The proposal is supported by a Stormwater Management Plan, with reasonable and relevant conditions imposed relating to stormwater management.
PO2 Development does not discharge wastewater to a waterway or off-site unless demonstrated to be best	**AO2.1** A wastewater management plan prepared by a suitably qualified person and addresses: (a) wastewater type;	**Performance Outcome** A wastewater management plan has not been provided however the proposal is able to be connected to reticulated sewer.

Performance outcomes	Requirements for accepted development and assessment benchmarks	Response
practice environmental management for that site.	(b) climatic conditions; (c) water quality objectives; (d) best-practice environmental management; AND **AO2.2** Wastewater is managed in accordance with a waste management hierarchy that: (a) avoids wastewater discharge to waterways; or (b) minimises wastewater discharge to waterways by re-use, recycling, recovery and treatment for disposal to sewer, surface water and groundwater.	
PO3 Construction activities avoid or minimise adverse impacts on stormwater quality.	**AO3.1** An erosion and sediment control plan addresses the design objectives for the construction phase in Table 9.4.4.	**Complies with AO3.1.** The proposal is supported by a Silt and Sediment Erosion Plan, with reasonable and relevant conditions imposed relating to erosion and sediment control.
PO4 Operational activities avoid or minimise changes to waterway hydrology from adverse impacts of altered stormwater quality and flow.	**AO4.1** Development incorporates stormwater flow control measures to achieve the design objectives for the postconstruction phase in Table 9.4.4.	**Complies with AO4.1.** The proposal is supported by a Stormwater Management Plan, with reasonable and relevant conditions imposed relating to stormwater management across the site.
Section 2 Infrastructure		
PO5 Development is provided with infrastructure which: (a) conforms with industry standards for quality; (b) is reliable and service failures are minimised; and (c) is functional and readily augmented.	**AO5.1** Except in the Rural zone, all development occurs on a site with frontage to a sealed road. AND **AO5.2** Infrastructure is designed and constructed in accordance with the standards contained in PSP1 – Design and Construction Standards.	**Complies.** The site frontage is to Rogers Drive, a sealed road. **Not Applicable.** The proposal does not involve new or upgraded infrastructure.
Section 3 Vehicle parking		
PO6 Vehicle parking and access is provided to meet the needs of occupants, employees, visitors and other users.	**AO6.1** Vehicle parking spaces are provided on-site in accordance with Table 9.4.5. AND **AO6.2** A service bay is provided on-site for the service vehicle nominated in Table 9.4.5.	**Performance Outcome.** The proposal includes 70 vehicle parking spaces, falling short of the prescribed 151 spaces per Table 9.4.5. A Traffic Impact Assessment has been provided, prepared by an RPEQ, demonstrating that the

Performance outcomes	Requirements for accepted development and assessment benchmarks	Response
	AND **AO6.3** Driveway crossings are provided to the standard contained in PSP1 – Design and Construction Standards. AND **AO6.4** Vehicle parking and manoeuvring areas are provided in accordance with the standards contained in PSP1 – Design and Construction Standards.	proposed number of car parks is sufficient for the use. It is noted that an Information Request was issued requesting parking be revised to a minimum of 1 space per 40m^2 of GFA (70 spaces), as the application originally proposed 1 space per 40m^2 of GFA (60 spaces). The final Traffic Impact Assessment included recommendations/conclusions stating that the rate prescribed under the Planning Scheme is typical for higher density retail uses (supermarkets and specialty shops) and is not reflective of the demand generated for bulky goods retailers. The report instead suggests the rate for conventional bulky goods retailers is appropriately 1 per approx. 40m^2 of GFA as uses of this nature tend to have reduced vehicle trips. It is considered that compliance with PO6 is achieved, in that the proposed parking will meet the needs of the occupants, employees, visitors and other users. Additionally, a service bay has been provided at the rear of the site, while all vehicle crossovers have been designed in accordance with the relevant standards.
Section 4 Landscaping		
PO7 Landscaping is appropriate to the setting and enhances local character and amenity.	**AO7.1** Landscaping is provided in accordance with the relevant zone code provisions. AND **AO7.2** Where shade tree planting is required in vehicle parking areas each planting bed has a minimum area of 2m^2 and is unsealed and permeable.	**Not Applicable.** The Specialised centre zone code does not identify specific landscaping requirements. However, landscaping has been included around the frontage of the site at a rate of 10%, providing shading for the car park.

Performance outcomes	Requirements for accepted development and assessment benchmarks	Response
	AND **AO7.3** Plantings along frontages or boundaries are in the form of defined gardens with three tier planting comprised of groundcovers, shrubs (understorey), and trees (canopy) and provided with a drip irrigation system, mulching and border barriers.	A Landscape Concept Plan has been provided by the Applicant, demonstrating the selection of appropriate plant species.
PO8 Plant species avoid adverse impacts on the natural and built environment, infrastructure and the safety of road networks.	**AO8.1** Landscaping utilises plant species that are appropriate for the location and intended purpose of the landscaping. AND **AO8.2** Species selection avoids non-invasive plants.	**Complies with AO8.1.** A Landscape Concept Plan has been provided by the Applicant, demonstrating the selection of appropriate plant species. **Complies with AO8.2.** A Landscape Concept Plan has been provided by the Applicant, demonstrating the selection of appropriate plant species.
Section 5 Filling and excavation		
PO9 Development results in ground levels that retain: (a) access to natural light; (b) aesthetic amenity; (c) privacy; and (d) safety.	**AO9.1** The depth of: (a) fill is less than 2m above ground level; or (b) excavation is less than 2m below ground level. AND **AO9.2** The toe of the fill, or top of the excavation is not less than 0.5m inside the site property boundary. AND **AO9.3** Works do not occur on slopes over 15% in grade. AND **AO9.4** Retaining walls over 1m in height are terraced 1.5m for every 1m in height and landscaped. AND **AO9.5** Batter slopes are not steeper than 25% and are grassed and terraced 1.5m for every 1m in height. AND	**Complies with AO9.1.** An Earthworks Plan prepared by an RPEQ has been provided, demonstrating the depth of cut and fill to be less than 2 metres. **Complies with AO9.1.** An Earthworks Plan prepared by an RPEQ has been provided demonstrating the extent of cut and fill. **Complies with AO9.3.** The site does not include a slope of over 15%. **Not Applicable.** The proposed development does not include retaining walls. **Not Applicable.** The proposed development does not incorporate batter slopes.

Performance outcomes	Requirements for accepted development and assessment benchmarks	Response
	AO9.6 Filling or excavation for the purpose or retention of water: (a) is certified by an RPEQ engineer to safely withstand the hydraulic loading; (b) directs overflow such that no scour damage or nuisance occurs on adjoining lots.	**Not Applicable.** The proposed filling and excavation is not for the purpose or retention of water.
PO10 Filling or excavation does not cause damage to public utilities.	**AO10.1** Filling or excavation does not occur within 2m horizontally of any part of an underground water supply, sewerage, stormwater, electricity or telecommunications system.	**Complies with AO10.1.** An Earthworks Plan has been prepared, demonstrating the depth and extent of cut and fill clear of the listed infrastructure.
PO11 Filling and excavation avoids water ponding on the premises or nearby premises that will adversely impact on the health of the community.	**AO11.1** Following filling or excavation: (a) the premises: (i) are self-draining; and, (ii) has a minimum slope of 0.25%; and, (b) surface water flow is: (i) directed away from neighbouring properties; or (ii) discharged into a stormwater drainage system designed and constructed in accordance with AS3500 section 3.2.	**Complies with AO11.1.** An Earthworks Plan has been prepared, demonstrating the depth and extent of cut and fill compliant with Acceptable Outcome AO11.1.

Summary of Compliance with the Services and Works Code:

The proposed development generally complies with the Services and Works Code. Performance Outcomes are sought in relation to wastewater management and the provision of carparking. In each case sufficient reporting was submitted from the applicant and/or conditions imposed to demonstrate compliance.

5. CONSULTATION

Referral Agencies

State Assessment and Referral Agency	Not applicable
Other	Not applicable

Council Referrals

INTERNAL REFERRAL SPECIALIST	*REFERRAL / RESPONSE*
Development Engineer	Council's Development Engineer provided engineering conditions and calculated Infrastructure Charges
Infrastructure Charges Unit	Council adopted the LGIP on 24 June 2019 which commenced on 1 July 2019. The types of developments that may trigger the issuing of an infrastructure charges notice are: ▪ Reconfiguring a lot; ▪ Making a Material change of use; ▪ Carrying out building work. Refer to Attachment B for the Infrastructure Charges Notice.

6. CONCLUSION

That Council approve the Development Permit for Material Change of Use for a Showroom and Operational Work (Road Work, Stormwater, Drainage Work, Earthworks, Landscaping, and Access/Driveway) at 5-13 Rogers Drive KINGAROY (and described as Lots 9, 26, 27, 28, and 29 on SP180642) is recommended for approval subject to the reasons outlined in the Statement of Reasons and / or conditions of approval.

ATTACHMENTS

1. **Attachment A - Statement of Reasons**
2. **Attachment B - Infrastructure Charges Notice**
3. **Attachment C - Approved Plans**

NOTICE ABOUT DECISION – STATEMENT OF REASONS

The following information is provided in accordance with Section 63(4) & (5) of the Planning Act 2016

Applicant:	Cape Moreton Company Pty Ltd C/- Adapt Planning Pty Ltd
Application No:	MCU23/0026 & OPW23/0015
Proposal:	• Material Change of Use (Showroom) • Operational Work (Road Work, Stormwater, Drainage Work, Earthworks, Landscaping and Access/Driveway)
Street Address:	5-13 Rogers Drive KINGAROY
RP Description:	Lots 9, 26, 27, 28 & 29 on SP180642
Assessment Type:	Code Assessable
Number of Submissions:	Not Applicable

On 4 June 24 the above development was recommended for:

☒ Approval
☐ Refusal

1. Reasons for the Decision

The reasons for this decision are:

- The proposal involves a Showroom, which is an anticipated use in the Specialised centre zone. It is considered that there will be minimal or no impact to the industrial amenity and character of the surrounding locality. Any anticipated impacts are adequately addressed through design elements and the imposition of reasonable and relevant conditions.
- The use complies with all acceptable outcomes and performance outcomes within the current planning framework, including the South Burnett Regional Council Planning Scheme 2017.
- The proposed development includes adequate access arrangements and provides sufficient parking for the intended use.
- Stormwater flows are appropriately managed, with no adverse impacts on upstream, downstream, or adjoining properties anticipated. Stormwater flows are able to be directed to the existing lawful point of discharge along Rogers Drive.

2. Assessment Benchmarks

The following are the benchmarks apply to this development:

- Specialised Centre Zone Code
- Services and Works Code

3. Compliance with Benchmarks

The development was assessed against all the assessment benchmarks listed above and complies with all of these or can be conditioned to comply.

Note: Each application submitted to Council is assessed individually on its own merit.

INFRASTRUCTURE CHARGES NOTICE

(Section 119 of the Planning Act 2016)

APPLICANT:	Cape Moreton Company Pty Ltd C/- Adapt Planning Pty Ltd PO Box 7618 SIPPY DOWNS QLD 4556
APPLICATION:	Combined Application for Material Change of Use (Showroom) and Operation Work (Road work, Stormwater, Drainage work, Earthworks, Landscaping & Access/driveway) -- Code Assessable
DATE:	[Insert Date of DN]
FILE REFERENCE:	MCU23/0026
AMOUNT OF THE LEVIED CHARGE: *(Details of how these charges were calculated are shown overleaf)*	**$187,391.00** **Total**

$86,275.00	Water Supply Network
$47,540.00	Sewerage Network
$43,905.00	Transport Network
$0.00	Parks and Land for Community Facilities Network
$9,671.00	Stormwater Network

AUTOMATIC INCREASE OF LEVIED CHARGE:	The amount of the levied charge is subject to an automatic increase. Refer to the Information Notice attached to this notice for more information on how the increase is worked out.
LAND TO WHICH CHARGE APPLIES:	Los 9, 26, 27, 28, 29 on SP180642
SITE ADDRESS:	5-13 Rogers Dr, Kingaroy
PAYABLE TO:	**South Burnett Regional Council**
WHEN PAYABLE: *(In accordance with the timing stated in Section 122 of the Planning Act 2016)*	Material Change of Use – When the change happens.
OFFSET OR REFUND:	Not Applicable.

This charge is made in accordance with South Burnett Regional Council's ***Charges Resolution (No. 3) 2019***

DETAILS OF CALCULATION

Water Supply

Adopted Charges

Development Description	Number of Units	Units of Measure	Charge Rate	Reference	Amount
Commercial Bulk Goods (Showroom)	2,765	m² GFA	$49.00	CR Table 2.2	$135,485.00

Discounts*

Description	Number of Units	Units of Measure	Discount Rate	Reference	Amount
Vacant land	5	Allotments	$9,842.00	CR Table 2.3	$49,210.00

Sewerage

Adopted Charges

Development Description	Number of Units	Units of Measure	Charge Rate	Reference	Amount
Commercial Bulk Goods (Showroom)	2,765	m² GFA	$27.00	CR Table 2.2	$74,655.00

Discounts*

Description	Number of Units	Units of Measure	Discount Rate	Reference	Amount
Vacant land	5	Allotments	$5,423.00	CR Table 2.3	$27,115.00

Transport

Adopted Charges

Development Description	Number of Units	Units of Measure	Charge Rate	Reference	Amount
Commercial Bulk Goods (Showroom)	2,765	m² GFA	$24.00	CR Table 2.2	$66,360.00

Discounts*

Description	Number of Units	Units of Measure	Discount Rate	Reference	Amount
Vacant land	5	Allotments	$4,491.00	CR Table 2.3	$22,455.00

Parks and Land for Community Facilities

Adopted Charges

Development Description	Number of Units	Units of Measure	Charge Rate	Reference	Amount
Commercial Bulk Goods (Showroom)	2,765	m² GFA	$0.00	CR Table 2.2	$0.00

Discounts*

Description	Number of Units	Units of Measure	Discount Rate	Reference	Amount
Vacant land	5	Allotments	$2,009.00	CR Table 2.3	$10,045.00

Stormwater

Adopted Charges

Development Description	Number of Units	Units of Measure	Charge Rate	Reference	Amount
Commercial Bulk Goods (Showroom)	5838	m^2 impervious	$2.00	CR Table 2.2	$11,676.00

Discounts*

Description	Number of Units	Units of Measure	Discount Rate	Reference	Amount
Vacant land	5	Allotments	$401.00	CR Table 2.3	$2,005.00

Levied Charges

Development Description	Water Supply	Sewerage	Transport	Parks & Land for Community Facilities	Stormwater	Total
Commercial Bulk Goods (Showroom)	$86,275.00	$47,540.00	$43,905.00	$0.00	$9,671.00	$187,391.00
Total	**$86,275.00**	**$47,540.00**	**$43,905.00**	**$0.00**	**$9,671.00**	**$187,391.00**

** In accordance with Section 3.3 of the Charges Resolution, the discount may not exceed the adopted charge. Any surplus discounts will not be refunded, except at South Burnett Regional Council's discretion.*

INFORMATION NOTICE

Authority and Reasons for Charge	This Infrastructure Charges Notice has been given in accordance with section 119 of the *Planning Act 2016* to support the Local government's long-term infrastructure planning and financial sustainability.
Appeals	Pursuant to section 229 and Schedule 1 of the *Planning Act 2016* a person may appeal an Infrastructure Charges Notice. Attached is an extract from the *Planning Act 2016* that details your appeal rights.
Automatic Increase Provision of charge rate ($)	An infrastructure charge levied by South Burnett Regional Council is to be increased by the difference between the Producer Price Index (PPI) applicable at the time the infrastructure charge was levied, and PPI applicable at the time of payment of the levied charge, adjusted by reference to the 3-yearly PPI average[1]. If the levied charge is increased using the method described above, the charge payable is the amount equal to the sum of the charge as levied and the amount of the increase. However, the sum of the charge as levied and the amount of the increase is not to exceed the maximum adopted charge the Authority could have levied for the development at the time the charge is paid.
GST	The Federal Government has determined that contributions made by developers to Government for infrastructure and services under the *Planning Act* 2016 are GST exempt.
Making a Payment	This Infrastructure Charges Notice cannot be used to pay your infrastructure charges. To pay the levied charge, you must request an Itemised Breakdown showing the total levied charge payable at the time of payment. An Itemised Breakdown must be presented at the time of payment. An Itemised Breakdown may be requested by emailing info@southburnett.qld.gov.au

[1] 3-yearly PPI average is defined in section 114 of the *Planning Act 2016* and means the PPI adjusted according to the 3-year moving average quarterly percentage change between financial quarters. PPI Index is the producer price index for construction 6427.0 (ABS PPI) index number 3101 – Road and Bridge construction index for Queensland published by the Australian Bureau of Statistics.

Payment can be made at any of the following South Burnett Regional Council Offices:

- 69 Hart Street, Blackbutt, 4314;
- 45 Glendon Street, Kingaroy, 4610;
- 42 Stephens Street West, Murgon, 4605;
- 48 Drayton Street, Nanango, 4615;
- McKenzie Street, Wondai, 4606; or
- via other methods identified on the Itemised Breakdown.

Enquiries

Enquiries regarding this Infrastructure Charges Notice should be directed to the SOUTH BURNETT REGIONAL COUNCIL, Department of Planning and Land Management, during office hours, Monday to Friday by phoning (07) 4189 9100 or email at info@southburnett.qld.gov.au



SITE PLAN
SCALE: 1:500

DEVELOPMENT SCHEDULE

ADDRESS:
5-13 ROGERS DRIVE KINGAROY QLD 4610

RPD DATA:
LOT 9; 26; 27; 28+29 ON SP180642

SITE AREA:
6382m²

CARPARKING SCHEDULE

PROVIDED CAR PARKING:
70 CARS

GFA CALCULATIONS

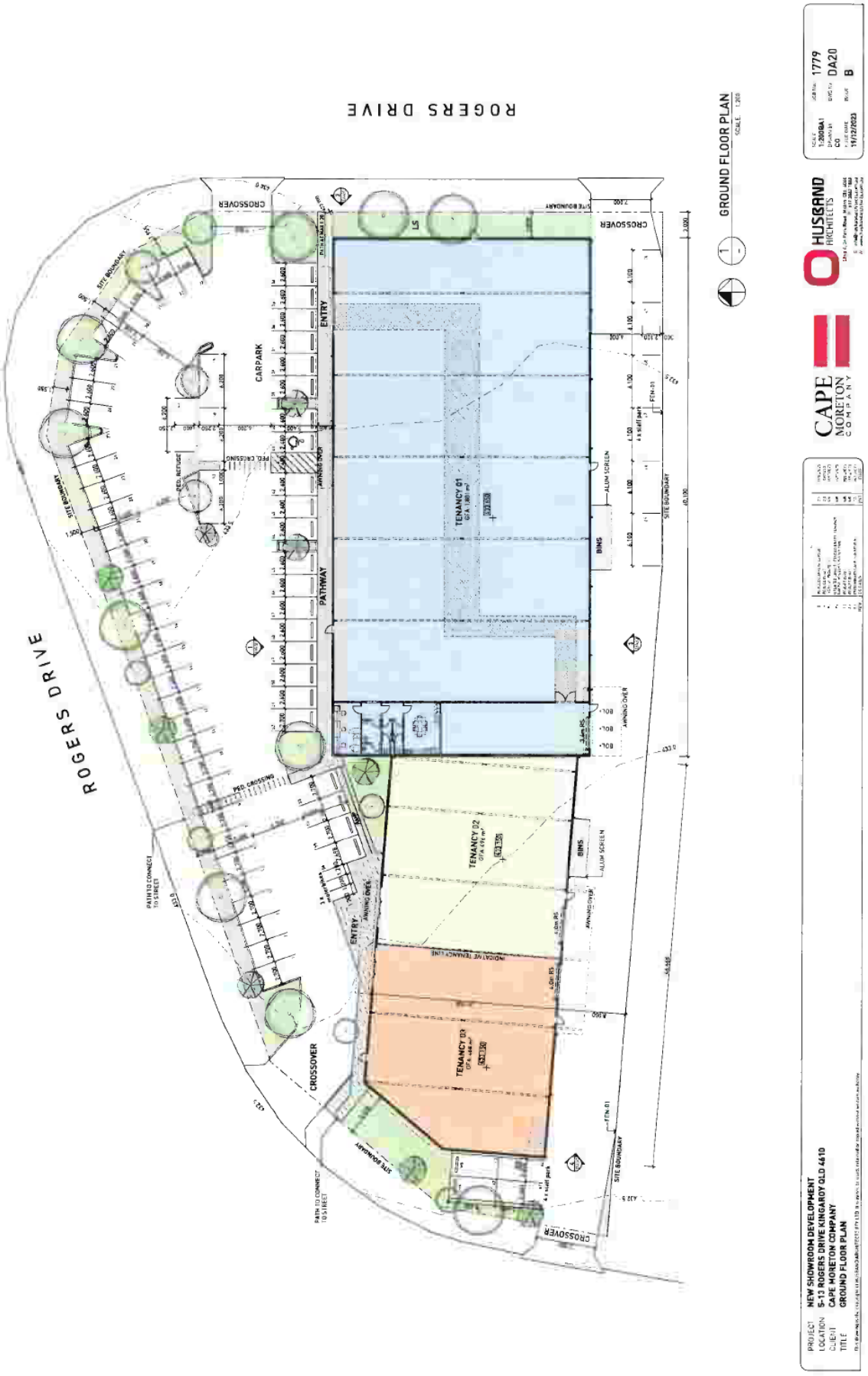
TENANCY 01	1,801
TENANCY 02	496
TENANCY 03	468
	2,765 m²

PROJECT	NEW SHOWROOM DEVELOPMENT
LOCATION	5-13 ROGERS DRIVE KINGAROY QLD 4610
CLIENT	CAPE MORETON COMPANY
TITLE	SITE PLAN

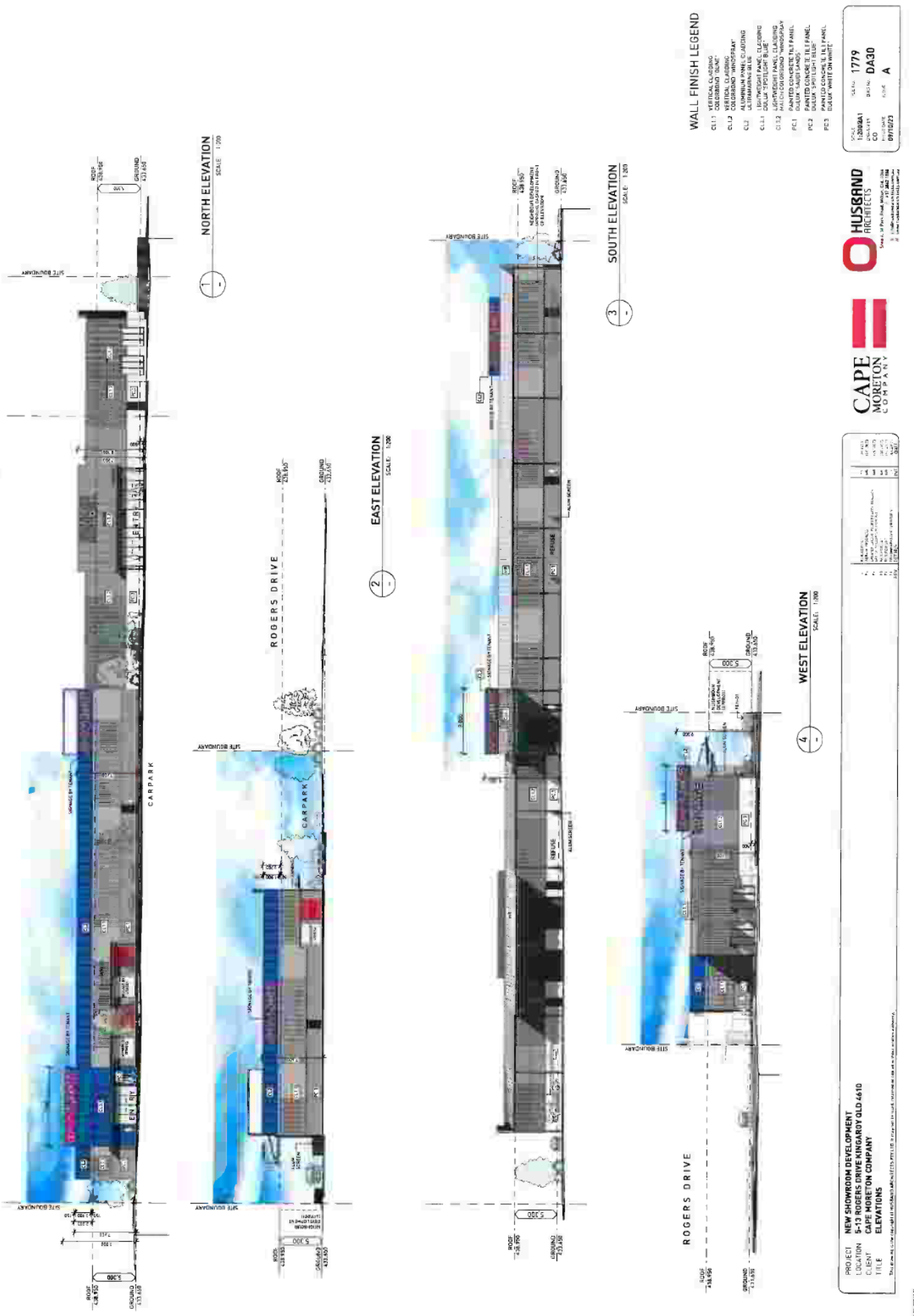
CAPE MORETON COMPANY

HUSBAND ARCHITECTS

SCALE	1:500@A1
DRAWN BY	CO
ISSUE DATE	19/12/2023
JOB No.	1779
DWG No.	DA10
ISSUE	B


ROGERS DRIVE
GROUND FLOOR PLAN
SCALE 1:200
CROSSOVER
ENTRY
CARPARK
PATHWAY
TENANCY 01
TENANCY 02
TENANCY 03
BINS
ALUM SCREEN
AWNING OVER
PED CROSSING
SITE BOUNDARY
PATH TO CONNECT TO STREET
HUSBAND ARCHITECTS
CAPE MORETON COMPANY
PROJECT NEW SHOWROOM DEVELOPMENT
LOCATION 5-13 ROGERS DRIVE KINGAROY QLD 4610
CLIENT CAPE MORETON COMPANY
TITLE GROUND FLOOR PLAN
1779
DA20
B
19/12/2023

ROGERS DRIVE
ROOF PLAN
SCALE 1:200
SITE BOUNDARY
HUSBAND ARCHITECTS
CAPE MORETON COMPANY
PROJECT NEW SHOWROOM DEVELOPMENT
LOCATION 5-13 ROGERS DRIVE KINGAROY QLD 4610
CLIENT CAPE MORETON COMPANY
TITLE ROOF PLAN
1779
DA21
A
01/10/23


NORTH ELEVATION
SCALE 1:200
EAST ELEVATION
SCALE 1:200
SOUTH ELEVATION
SCALE 1:200
WEST ELEVATION
SCALE 1:200
ROGERS DRIVE
CARPARK
SITE BOUNDARY
ROOF
GROUND
WALL FINISH LEGEND
CL1.1 VERTICAL CLADDING COLORBOND 'DUNE'
CL1.2 VERTICAL CLADDING COLORBOND 'CHARCOAL'
CL2 ALUMINIUM PANEL CLADDING ULTRAMARINE BLUE
CL3.1 LIGHTWEIGHT PANEL CLADDING DULUX 'SPOTLIGHT BLUE'
CL3.2 LIGHTWEIGHT PANEL CLADDING DULUX 'ANTIQUE WHITE'
PC1 PAINTED CONCRETE TILT PANEL DULUX 'SAUDI SANDS'
PC2 PAINTED CONCRETE TILT PANEL DULUX 'ANTIQUE WHITE'
PC3 PAINTED CONCRETE TILT PANEL DULUX 'WHITE ON WHITE'
SCALE 1:200@A1
DRAWN
CHECKED
DATE 09/10/23
JOB NO. 1779
DRAWING NO. DA30
REVISION A
HUSBAND ARCHITECTS
CAPE MORETON COMPANY
PROJECT NEW SHOWROOM DEVELOPMENT
LOCATION 5-13 ROGERS DRIVE KINGAROY QLD 4610
CLIENT CAPE MORETON COMPANY
TITLE ELEVATIONS

DRAWING SIZE - A1

OPERATIONAL WORKS FOR INDUSTRIAL DEVELOPMENT LOTS 26–29 & 9 ON SP 180642 ROGERS DR, KINGAROY



LOCALITY PLAN
Scale N.T.S.

HEIGHT DATUM
LOT 26–29 & 9 ON SP 180642
Level Datum AHD
Level Origin PSM 165113
Rogers Dr, Kingaroy
Survey information provided by
DMF SURVEYORS

SHEET LIST

33153–CS	COVER SHEET
33153–CN	CONSTRUCTION NOTES
33153–OW1.1	EXISTING SURVEY & SERVICES
33153–OW2.1	SILT & SEDIMENT EROSION
33153–OW3.1	EARTHWORKS
33153–OW4.1	DRIVEWAY & ACCESS
33153–OW4.2	DRIVEWAY LEVELS & LINE MARKING
33153–OW4.3	DRIVEWAY DETAILS
33153–OW4.4	DRIVEWAY LONGSECTION
33153–OW5.1	VEHICLE MANEUVERING
33153–SW1.1	STORMWATER MANAGEMENT

THIS DRAWING AND ASSOCIATED DETAILS MUST BE READ IN CONJUNCTION WITH THE NOTES CONTAINED ON 33153-CN

Revision	Description	Date
ISSUE	FOR APPROVAL	

DO NOT SCALE FROM THIS DRAWING

SCG

Title: COVER SHEET

Project: 5–13 ROGERS DR, KINGAROY

Date: Sept 23 | Drawn: TH | Design: TH

Checked: SPEC SIGN S Rowston | Drg No: 33153 –CS | No: .

1:100 @ A1
1:200 @ A3

www.dialbeforeyoudig.com.au
DIAL 1100 BEFORE YOU DIG

DRAWING SIZE – A1

CONSTRUCTION NOTES

GENERAL:

1. DO NOT SCALE FROM THIS DRAWING.
2. ALL DIMENSIONS IN MILLIMETRES.
3. SETTING OUT DIMENSIONS ARE TO BE OBTAINED FROM THE ARCHITECTURAL DRAWINGS.
4. ANY DISCREPANCIES BETWEEN THESE DRAWING AND THE ARCHITECTURAL DRAWINGS ARE TO BE REFERRED TO THE ENGINEER IMMEDIATELY.
5. THE BUILDER IS RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES WITHIN AND ADJACENT THE ALLOTMENT AND SHALL ENSURE THAT ALL NEW WORKS ARE IN ACCORDANCE WITH THE ATTACHED CRITICAL DEPTH LINE DIAGRAM.
6. ALL EXCAVATIONS ARE TO REMAIN DRY AND FREE OF ALL LOOSE MATERIAL PRIOR TO THE PLACEMENT OF CONCRETE.
7. WHERE COMPACTED FILL IS NOTED ON THIS AND ASSOCIATED PLANS, COMPACTION TO ACHIEVE 98% MINIMUM DENSITY RATIO TO BE ACHIEVED FOR COHESIVE (CLAY) SOILS AND 95% MINIMUM DENSITY INDEX FOR COHESIONLESS (SANDY) SOILS IN ACCORDANCE WITH AS3798–2007.
8. UNLESS NOTED OTHERWISE A MINIMUM BEARING CAPACITY OF 100kPa SHOULD BE ACHIEVED WITHIN COMPLETED FILLING. COMPACTION AND BEARING CAPACITY TEST RESULTS MUST BE PRESENTED TO SCC CONSULTING ENGINEERS FOR APPROVAL PRIOR TO WORKS PROCEEDING.
9. CHEMSET OR EPOXY BOLTING TO CONCRETE OR BLOCK WORK MEMBERS NOMINATED ON THE ATTACHED PLANS ARE TO UTILISE MARKET CHOSEN E-SELECTION 800 SERIES OR EQUALLY APPROVED. ALL WORK TO BE IN STRICT ACCORDANCE WITH THE MANUFACTURERS REQUIREMENTS.
10. THE BUILDER MUST PROTECT ALL EXISTING NEIGHBOURING STRUCTURES/BUILDINGS THROUGHOUT THE WORKS, PARTICULARLY DURING EARTHWORKS. REFERENCE SHOULD BE MADE TO OUR CRITICAL DEPTH LINE DIAGRAM OR SEEK GUIDANCE DIRECTLY FROM THIS OFFICE.
11. THE BUILDER MUST HAVE A BLA APPROVAL FOR THE PROPOSED WORKS FROM EITHER A PRIVATE CERTIFIER OR LOCAL COUNCIL BUT ONE ANY SITE INSPECTION CAN BE CARRIED OUT.

HYDRAULICS

1. HYDRAULIC SERVICES SHOWN ARE DIAGRAMATIC ONLY REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF FIXTURES.
2. ALL SANITARY HYDRAULICS AND WATER RETICULATION WITHIN THE ALLOTMENT BOUNDARY TO BE IN ACCORDANCE WITH AS3500.
3. ALL WORKS SHALL COMPLY WITH THE REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION, AFTER OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
4. THE CONTRACTOR IS TO CONFIRM THE POSITION OF ALL EXISTING SERVICES AS INDICATED ON THESE AND ASSOCIATED PLANS PRIOR TO THE COMMENCING OF WORK.
5. STORMWATER DRAINAGE PIPES SHALL BE CLASS 5h UPVC OR RUBBER RING JOINTED REINFORCED CONCRETE PIPE LAID AT A MINIMUM GRADE OF 1 IN 100 U.N.O. JOINS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE MANUFACTURERS REQUIREMENTS.
6. SEWERS 100mm DIAM. UPVC ULAD AND LAID AT A MINIMUM GRADE OF 1 IN 60.
11. CLEAN–OUTS, INSPECTION OPENINGS AND CLOSING CAPS SITUATED IN ROADWAY OR PEDESTRIAN PAVEMENTS ARE TO BE FITTED WITH EITHER BRASS OR CAST–IRON COVERS.
12. ALL IN–GROUND VALVES SHALL BE IN ACCORDANCE IN APPROVED CONCRETE PAIN BOXES.
13. ALL WASTE PIPES AND WATER SERVICES PENETRATING SLABS TO BE WRAPPED IN AN APPROVED FLEXIBLE JOINT JOINT WRAPPING.
14. THE TERM 'SERVICE' REFERS TO THE MINIMUM INTERNAL PIPE DIAMETER UNLESS NOTED OTHERWISE.

GENERAL FILLING NOTES

–THE SITE IS TO BE SCRAPED CLEAR OF ALL ORGANIC MATERIAL AND DEBRIS.
–THE SUBGRADE IS TO BE ROLLED WITH A VIBRATING STEEL DRUM ROLLER TO ACHIEVE A MINIMUM RELATIVE FIELD DENSITY OF 95%. THE COMPACTION IS TO BE SUFFICIENT TO ACHIEVE A BLOW COUNT OF 3 BLOWS PER 300mm WITH AN APPROVED PERTH SAND PENETROMETER FOR A DEPTH OF 1.0m BELOW FINISHED LEVEL. COPIES OF COMPACTION TEST RESULTS SHALL BE PRESENTED TO SCC CONSULTING ENGINEERS FOR APPROVAL.
–UNLESS NOTED OTHERWISE A MINIMUM BEARING CAPACITY OF 100kPa SHOULD BE ACHIEVED WITHIN COMPACTED FILLING. COMPACTION & BEARING CAPACITY TEST RESULTS MUST BE PRESENTED TO SCC CONSULTING ENGINEERS FOR APPROVAL PRIOR TO WORKS PROCEEDING.
–THE FILL MATERIAL IS TO BE APPROVED MATERIAL SOURCED FROM SITE OR IMPORTED CLEAN GRANULAR MATERIAL (I.E. SAND TO A CLAYEY SAND IN ACCORDANCE WITH AS1726) BE FREE OF ANY ORGANIC MATERIAL AND HAVE A CLAY CONTENT OF LESS THAN 12% (PLASTICITY INDEX LESS THAN 250, LINEAR SHRINKAGE OF 15%). THE PROPOSED MATERIAL IS TO BE INSPECTED BY SCC CONSULTING ENGINEERS PRIOR TO ITS USE TO ENSURE ITS COMPATIBILITY.
–THE FILL IS TO BE PLACED AND COMPACTED IN ACCORDANCE WITH AS3798–1996 TO A LEVEL SUFFICIENT TO ACHIEVE A LEVEL 1 CERTIFICATION WITH A MINIMUM RELATIVE FIELD DENSITY OF 95%. (REFER PAVEMENT EARTHWORKS NOTES FOR PAVEMENT AREAS). COPIES OF COMPACTION TEST RESULTS SHALL BE PRESENTED TO SCC CONSULTING ENGINEERS FOR APPROVAL.
–FILLING AND COMPACTING ADJACENT EXISTING STRUCTURES IS TO BE IN STRICT ACCORDANCE WITH THE ASSOCIATED DETAILS AND SPECIFICATIONS.
–AREAS WHERE EXISTING STRUCTURES OR SHEDS ARE REMOVED SHALL BE BACKFILLED WITH THE APPROVED FILL MATERIAL COMPACTED IN ACCORDANCE WITH AS2870–1996 TO ACHIEVE A MINIMUM RELATIVE FIELD DENSITY OF 95%.
–ANY LOOSE OR SOFT MATERIAL UNCOVERED IN THE SITE PREPARATION SHALL BE REMOVED AND REPLACED WITH THE APPROVED FILL MATERIAL COMPACTED IN ACCORDANCE WITH AS2870–1996 TO ACHIEVE A MINIMUM RELATIVE FIELD DENSITY OF 95%.
–SITE DRAINAGE AND SILT PROTECTION MEASURES MUST BE INSTALLED PRIOR TO CONSTRUCTION COMMENCING.

PAVEMENT EARTHWORKS NOTES

– THE PAVEMENT AREA IS TO BE SCRAPED CLEAR OF ALL ORGANIC MATERIAL AND DEBRIS.
–ANY STOCKPILED SOILS MUST BE COVERED TO PROTECT AGAINST WIND BLOWN OR STORMWATER RUNOFF OF SILT/FINES FROM THE SITE.
– THE EXPOSED SURFACE MUST BE TESTED BY A GEOTECHNICAL ENGINEER FOR SUB–GRADE ADEQUACY (min CBR 5)
–ANY AREAS REQUIRING FILLING TO THE UNDERSIDE OF PAVEMENT SHOULD USE APPROVED STOCKPILED MATERIAL FREE OF TOPSOIL/VEGETATION OR IMPORTED CLEAN GRANULAR MATERIAL (I.E. SAND TO A CLAYEY SAND IN ACCORDANCE WITH AS1726). ALL FILL IS TO BE FREE OF ANY ORGANIC OR DELETERIOUS MATERIAL AND HAVE A CLAY CONTENT OF LESS THAN 12% (PLASTICITY INDEX LESS THAN 150, LINEAR SHRINKAGE OF 150). THE PROPOSED MATERIAL IS TO BE INSPECTED BY SCC CONSULTING ENGINEERS PRIOR TO ITS USE TO ENSURE ITS COMPATIBILITY.
– THE FILL IS TO BE PLACED AND COMPACTED IN MAX 150mm THICK LAYERS ACCORDANCE WITH AS3798–2007 TO ACHIEVE LEVEL 1 CERTIFICATION WITH A MINIMUM STANDARD DENSITY RATIO OF 100%. COPIES OF COMPACTION TEST RESULTS SHALL BE PRESENTED TO SCC CONSULTING ENGINEERS FOR APPROVAL PRIOR TO FURTHER PAVEMENT WORKS.
– THE PREPARED SUB–GRADE SHOULD BE PROOF ROLLED AND ANY IDENTIFIED SOFT AREAS REMOVED AND BACKFILLED IN ACCORDANCE WITH THE ABOVE SPECIFICATIONS
–FILLING AND COMPACTING ADJACENT EXISTING STRUCTURES IS TO BE IN STRICT ACCORDANCE WITH THE ASSOCIATED DETAILS AND SPECIFICATIONS.
–AREAS WHERE EXISTING STRUCTURES OR SHEDS ARE REMOVED SHOULD BE REMOVED AND BACKFILLED IN ACCORDANCE WITH THE ABOVE SPECIFICATIONS
–PAVEMENT BASE AND SUB–BASE MATERIAL SHALL BE PLACED AND COMPACTED IN MAX 150mm THICK LAYERS IN ACCORDANCE WITH AS3798–2007 TO ACHIEVE LEVEL 1 CERTIFICATION WITH A MINIMUM STANDARD DENSITY RATIO OF 100%. COPIES OF COMPACTION TEST RESULTS SHALL BE PRESENTED TO SCC CONSULTING ENGINEERS FOR APPROVAL PRIOR TO PAVEMENT WORKS CONTINUING.
–FOR AC PAVEMENTS THE COMPACTED BASE COURSES SHOULD BE PROOF ROLLED WITH A FULL WATER TRUCK IN THE PRESENCE OF THE DESIGN ENGINEER TO CONFIRM ADEQUACY PRIOR TO AC PLACEMENT.
–SITE DRAINAGE AND SILT PROTECTION MEASURES MUST BE INSTALLED PRIOR TO CONSTRUCTION COMMENCING.

FOOTPATHS AND DRIVEWAYS

1. EXISTING FOOTPATHS TO BE SAW CUT PRIOR TO REMOVAL
2. MINIMUM CONCRETE THICKNESSES:

PAVEMENT (VEHICLES):	150mm U.N.O.
FOOTPATHS:	125mm U.N.O.

3. CONCRETE IN ACCORDANCE WITH AS3600 AND AS1379 AND MINIMUM STRENGTHS AS FOLLOWS:

PAVEMENT (VEHICLES):	32 MPa
FOOTPATHS:	25 MPa

4. CONCRETE SURFACE TOLERANCE +5.0mm OVER 3.0m
5. REINFORCEMENT FABRIC TO AS 1304, PLACED CENTRAL SLAB DEPTH.
6. MAX. 1 in 40 CROSSFALL (ACCROSS) ON FOOTPATHS.
7. EXPANSION JOINTS AS NOTED (TJ#) ON PLANS TO BE 10mm WIDE WET TOOLED WITH EVERY 2ND MESH WIRE CUT ALONG JOINT. REFER DETAIL
8. ONE ACCESS POINT PERMITTED FOR EACH ALLOTMENT.
9. FOR CURVED DRIVEWAYS, MAXIMUM GRADES APPLY TO INSIDE EDGE OF CURVE
10. ALL EXISTING SERVICES TO BE LOCATED AND PROTECTED AS REQUIRED PRIOR TO WORK COMMENCING

CONCRETE :

1. ALL WORKMANSHIP AND MATERIALS SHALL COMPLY WITH AS3600 – CONCRETE STRUCTURES
2. ADDITIVES INCLUDING FLY ASH CAN ONLY BE ADDED TO THE CONCRETE UPON THE APPROVAL OF THE ENGINEER.
3. ALL CONCRETE SHALL BE NORMAL CLASS CONCRETE UNLESS NOTED OTHERWISE. CONCRETE GRADES, MAXIMUM SLUMPS AND MAXIMUM AGGREGATE SIZE ARE AS FOLLOWS:

FOOTINGS – 25MPa, MAX SLUMP 120mm & 20mm MAX AGG. SIZE.
GROUND FLOOR SLABS 100–150THK. – 32MPa, MAX SLUMP 80mm & 20mm MAX. AGG. SIZE.
PAVEMENTS – 20MPa, MAX SLUMP, 80mm & 20mm MAX. AGG. SIZE.
BLOCKWORK GROUT – N25, MAX SLUMP, 100mm & 10mm MAX. AGG. SIZE.

4. ALL CONCRETE MEMBERS GREATER THAN 100mm IN THICKNESS MUST BE MECHANICALLY VIBRATED.
5. IN NO INSTANCE SHALL THE CONCRETE BE RETED UP PRIOR TO OR DURING PLACEMENT.
6. SLAB CONCRETE SHALL BE CURED FOR A MINIMUM OF SEVEN (7) DAYS BY AN APPROVED METHOD. DETAILS AVAILABLE UPON REQUEST.
7. FORMWORK TO BE IN ACCORDANCE WITH AS3610, DESIGN AND CERTIFICATION IS BY OTHERS AND MUST BE INSPECTED AND APPROVED BY THE FORMWORK DESIGNER PRIOR TO THE PLACEMENT OF ANY CONCRETE.
8. FORMWORK STRIPPING AND BACK–PROPPING OF SUSPENDED FLOOR SLABS TO THE APPROVAL OF THE ENGINEER.

REINFORCEMENT :

1. THE FOLLOWING MARKS ARE USED TO IDENTIFY THE VARIOUS REINFORCING STEELS USED, CONFORMING STANDARD FOR USE ALSO LISTED;
   - N – TRENCH MESH, min 450MPa (AS/304)
   - F – MESH/FABRIC, MIN. 450MPa (AS/304)
   - R – DEFORMED BAR, MIN. 300MPa (AS/302)
   - R – PLAIN BAR, MIN 250MPa (AS/302)
   - D – HARD DRAWN WIRE, MIN 450MPa (AS/303)
2. ALL REINFORCEMENT SHALL BE CHAIRED, TIED AND RESTRAINED IN THE CORRECT LOCATION TO ENSURE NO MOVEMENT DURING CONCRETE PLACEMENT. SLAB MESH CHAIRS AT 800mm CTRS. MAX IN BOTH DIRECTIONS.
3. MINIMUM COVER TO REINFORCEMENT IS AS FOLLOWS;

FOOTINGS & PIERS – 40mm ALL FACES
SLABS ON GROUND – 30mm TOP (INTERNAL SURFACES)
- 30mm BOTTOM (ONCE POLY. DPM)
- 40mm (EXPOSED SURFACES).

SUSPENDED SLABS – 30mm (INTERNAL SURFACES).
- 40mm (EXPOSED SURFACES).

PAVEMENTS – 40mm (EXPOSED SURFACES).
- 30mm (INTERNAL SURFACES).

4. MINIMUM LAP LENGTHS ARE 220mm (ONE PANEL PLUS 25mm) FOR SLAB MESH, 500mm FOR TRENCH MESH AND 40 TIMES THE BAR DIAMETER OR 500mm WHICHEVER GREATER FOR REINFORCING BARS.
5. ALL EXPOSED STARTER BAR ENDS TO BE FITTED WITH PROTECTIVE END CAPS UNTIL ENCASED IN CONCRETE

STEEL WORK :

1. ALL WORKMANSHIP INCLUDING FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH AS4100 & AS5131 WITH ALL MEMBERS AND SECTIONS BEING NEW AND FREE OF RUST AND DAMAGE. ANY VARIATION TO THIS MUST BE CONFIRMED IN WRITING BY THE ENGINEER PRIOR TO ANY WORK COMMENCING.
2. UNLESS NOTED OTHERWISE THE CONSTRUCTION CATEGORY IS CC2 IN ACCORDANCE WITH AS5131
3. ALL STEELWORK UNLESS NOTED OTHERWISE SHALL CLEANED OF RUST AND MILL SCALE AND COATED WITH ONE COAT OF PRIMER.
4. EXPOSED STEELWORK INCLUDING BOLTS SHOULD BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH AS4680 AS APPLICABLE.
5. ALL BOLTS UNLESS NOTED OTHERWISE SHALL BE GRADE 4.6/S GALVANIZED (S–SNUG TIGHT IN ACCORDANCE WITH AS5131). WHERE GRADE 8.8/S ARE SPECIFIED ARE TO BE GALVANIZED AND IN ACCORDANCE WITH AS1252.1 (S–SNUG TIGHT IN ACCORDANCE WITH AS5131)
6. TEMPORARY BRACING AND SUPPORT SHALL BE PROVIDED TO THE STRUCTURE UNTIL ALL BOLTS ARE INSTALLED AND TIGHTENED AS SPECIFIED.
7. ALL STRUCTURAL STEEL MEMBERS TO CONFORM WITH THE FOLLOWING AUSTRALIAN STANDARDS AND MINIMUM STRENGTHS GRADES (MPa);

SHS/RHS/OHS HOLLOW SECTIONS – AS1163, MIN GRADE C350.0
UB/UC/PFC/EA/UEA HOT ROLLED SECTIONS – AS3679, MIN GRADE 300

PLATE SECTIONS – AS3678, MIN GRADE 250
COLD FORMED PURLINS/GIRTS (C OR Z) – AS1397, MIN GRADE 450

8. ALL WELDING SHALL BE CARRIED OUT IN ACCORDANCE WITH AS1674. ON–SITE WELDING IS NOT PERMITTED WITHOUT APPROVAL FROM THE ENGINEER, UNLESS NOTED OTHERWISE ALL WELDS ARE TO BE 3.0mm CONTINUOUS FILLET WELDS (C.F.W.).
9. ALL PERIMETRAL CONSTRUCTION (CLASS 1) WELDS TO BE CATEGORY SP UNLESS NOTED OTHERWISE. ALL INDUSTRIAL (CLASS 8) WELDS TO BE CATEGORY SP UNLESS NOTED OTHERWISE. ALL OTHER WELDS NOT SPECIFIED TO BE CATEGORY SP UNLESS NOTED OTHERWISE.
10. THE ENGINEER IS TO BE PROVIDED WITH STEELWORK SHOP DRAWINGS FOR REVIEW AND COMMENT PRIOR TO FABRICATION.

REINFORCED BLOCKWORK :

1. ALL MATERIALS AND WORKMANSHIP TO BE IN ACCORDANCE WITH AS3700 1988.
2. MINIMUM MASONRY STRENGTH f'm=10MPa
3. MORTAR MIX 1 : 1/2 : 5 (CEMENT:LIME:SAND)
4. ALL CORES TO BE CLEANED AND FREE OF ALL MORTAR THIS PRIOR TO GROUTING VIA CLEAN–OUT BLOCKS AT THE BASE OF THE WALL.
5. MINIMUM GROUT STRENGTH f'c=20MPa (300kg/m3 MIN. CEMENT) WITH A MAXIMUM AGGREGATE SIZE OF 10mm. COMPACT GROUT DOWN FULL DEPTH OF CORE WITH PLAIN ROD OR SIMILAR.
7. MINIMUM COVER TO REINFORCING, in 20mm (FROM INSIDE FACE OF BLOCK. BARS TO BE ARRANGED AS SHOWN ON ASSOCIATED DETAILS.
8. WALLS TO BE WATERPROOFED WHERE INDICATED ON THE DRAWINGS. WATERPROOF MEMBRANES INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURERS REQUIREMENTS.
9. UNLESS NOTED OTHERWISE ALL WALL VERTICAL STARTER BARS ARE TO BE CAST INTO THE SUPPORTING FOOTING OR FLOOR SLAB UNDER AS APPLICABLE.
10. ALL MASONRY WALLS DURING CONSTRUCTION TO BE TEMPORARY BRACED OR GRADIENSE STABILISED AS NECESSARY TO RESIST WIND LOADS OR LATERAL FORCES, IN ACCORDANCE WITH LOCAL AUTHORITIES WORK PLACE HEALTH AND SAFETY GUIDE LINES.

BIO–RETENTION BED MAINTENANCE REQUIREMENTS

Vegetation plays a key role in maximising the porosity of the filter media of a bioretention basin and a varying healthy growth of vegetation is critical to its performance. Therefore the most intensive period of maintenance is during the plant establishment period (first two years) when weed removal and replanting may be required.

Inlet systems and overflow pits require careful monitoring, as these can be prone to scour and litter build up. Debris can block inlets or outlets and can be unsightly, particularly in high visibility areas. Inspection and removal of debris should be done regularly, and debris should be removed whenever it is observed on a site. Where sediment loadings are expected, regular inspection of the landscape is required (3 monthly) with removal of accumulated sediment undertaken as required.

For larger bioretention basins, it is essential that a maintenance access point is designed for and

maintained in the bioretention basin. The size and complexity of the system will guide its design and may involve provision of a reinforced concrete ramp/ pad for truck or machinery access.

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Amended June 2027
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Section 13.8 –Bioretention Basins
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Typical maintenance of bioretention basin elements will involve:

- routine inspection of the bioretention basin profile to identify any areas of obvious horizontal sediment deposition, scouring from storm flows, rill erosion of the batters from lateral inflows,damage to the profile from vehicles and stepping of the bioretention basin (evident by a boggy filter media surface);
- routine inspection of inflow systems, overflow pits and under–drains to identify and clean any areas of scour, litter build up and blockages;
- removal of sediment where it is smothering the bioretention basin vegetation;
- where a sediment forebay is adopted, removal of accumulated sediment;
- repairing any damage to the profile resulting from scour, rill erosion or vehicle damage by replacement of appropriate fill (to match exists soils) and revegetating;
- filling of the bioretention basin surface, or removal of the surface layer, if there is evidence of clogging;
- regular watering/ irrigation of vegetation until plants are established and actively growing;
- removal and management of invasive weeds (herbicides should not be used);
- removal of plants that have died and replacement with plants of equivalent size and species as detailed in the plant schedule;
- pruning to remove dead or diseased vegetation material and to stimulate growth;
- vegetation pest monitoring and control.

Resetting (ie. complete reconstruction) of the bioretention basin will be required if the system fails to drain adequately after filling of the surface. Maintenance should only occur after a reasonably rain has ponded where the soil in the bioretention system is dry. Inspections are also recommended following large storm events to check for scour and other damage.

All maintenance activities must be specified in a maintenance plan (and associated maintenance

inspection forms) to be documented and submitted to Council as part of the Development Approval

process. Maintenance personnel and asset managers will use this plan to ensure the bioretention

basins continue to function as designed. An example operations and maintenance inspection form is

included in the checking tools provided in Section 13.6.7. These forms must be developed on a site

specific basis as the nature and configuration of bioretention basins varies significantly.

For Detailed Maintenance Requirements & Scheduling Checklist refer to 'Water by Design – Maintaining Vegetated Stormwater Assets. 2020'

EXISTING CONDITION SURVEY
A PHOTOGRAPHIC SURVEY OF THE EXISTING KERB & CHANNEL AND FOOTPATHS FRONTING THE SITE IS TO BE COMPLETED AND ISSUED TO COUNCIL PRIOR TO THE PRE–START WORKS MEETING WITH COUNCIL.

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1:100 @ A1
1:200 @ A3

Issue	Description	Date
	FOR APPROVAL	

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SCG
Unit 1/11 Prospect Ave, Noosaville, Queensland
Ph: (07) 5455 3604
email: admin@scg-qld.com.au
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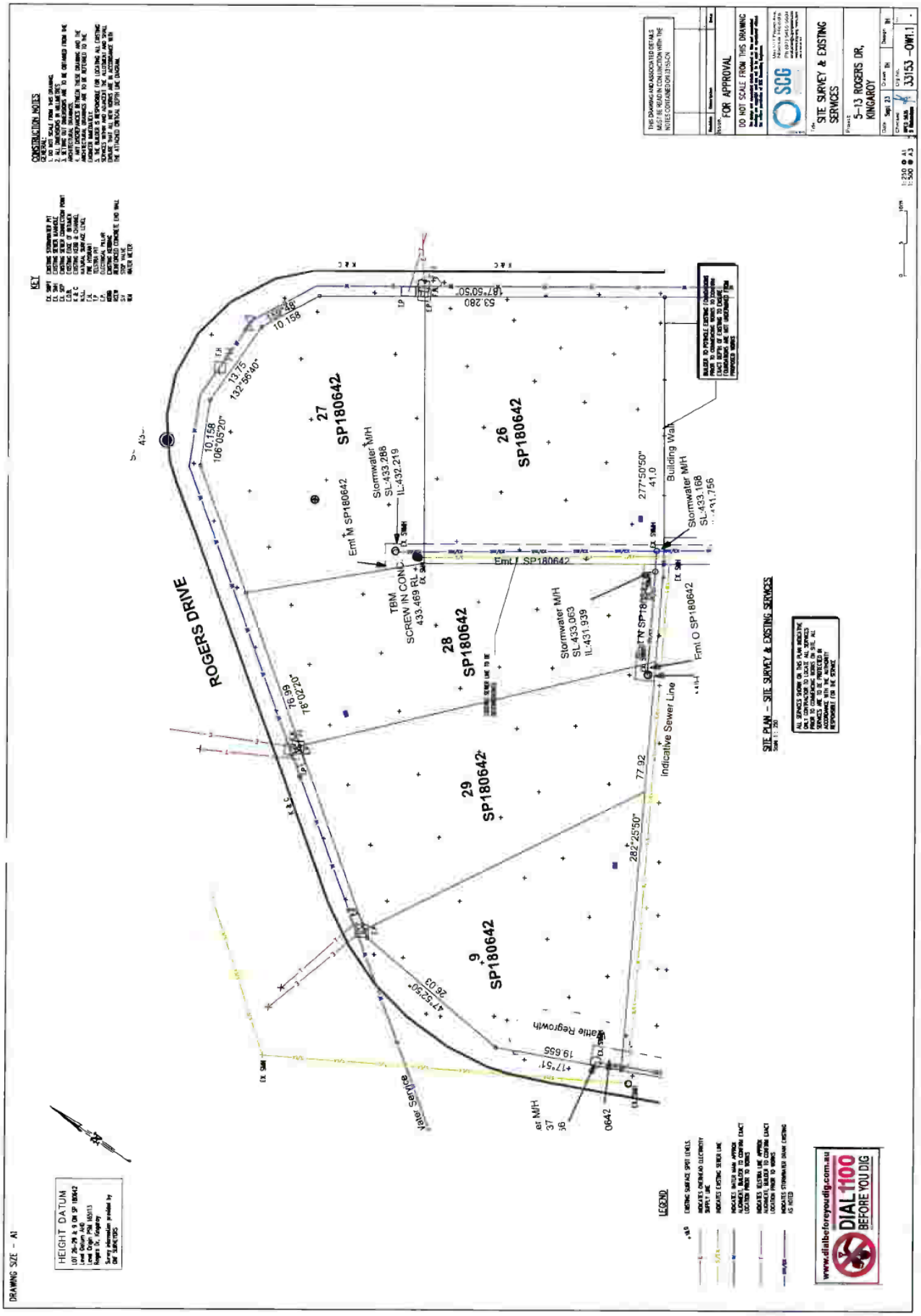
Title: CONSTRUCTION NOTES

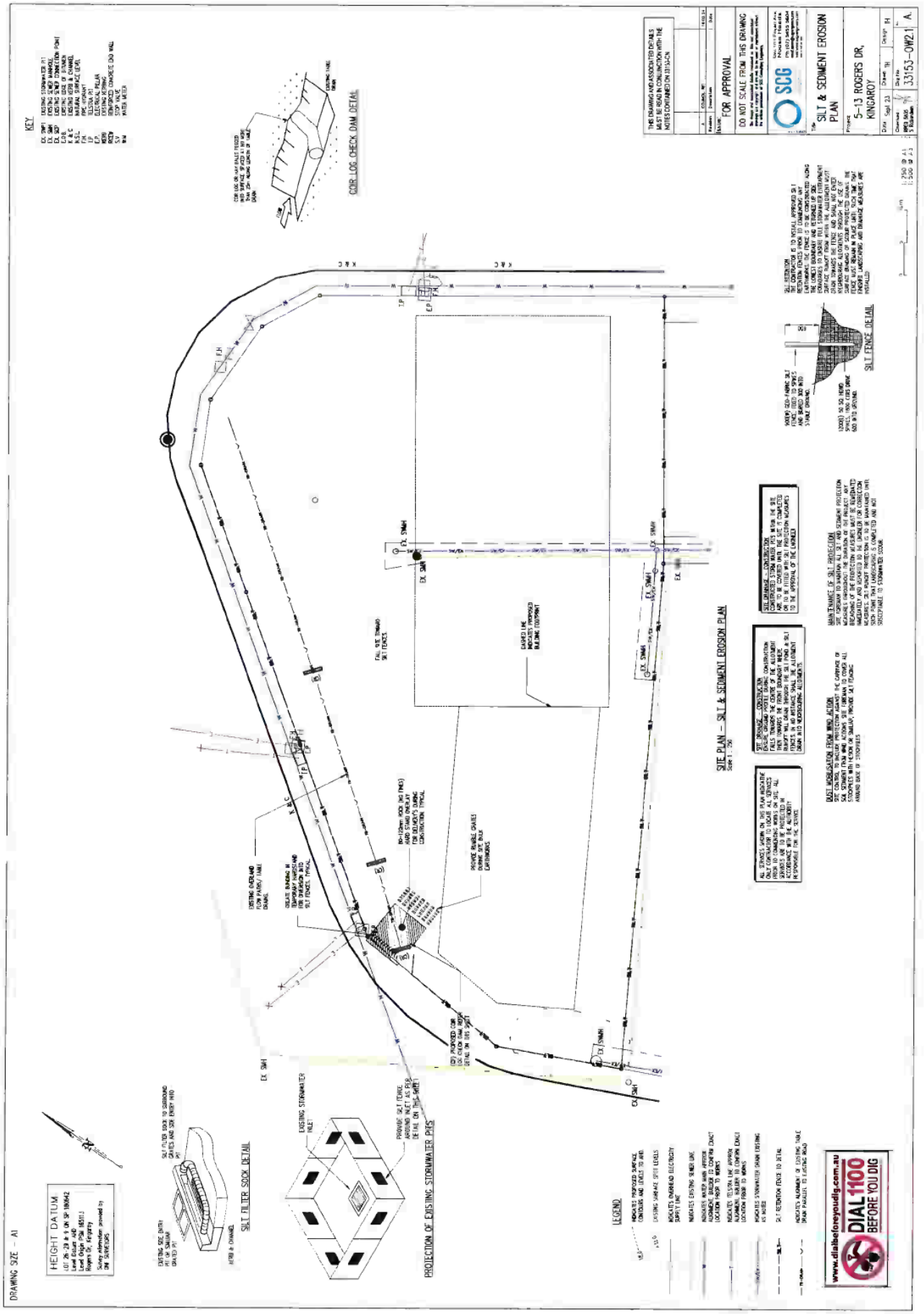
Project: 5–13 ROGERS DR, KINGAROY

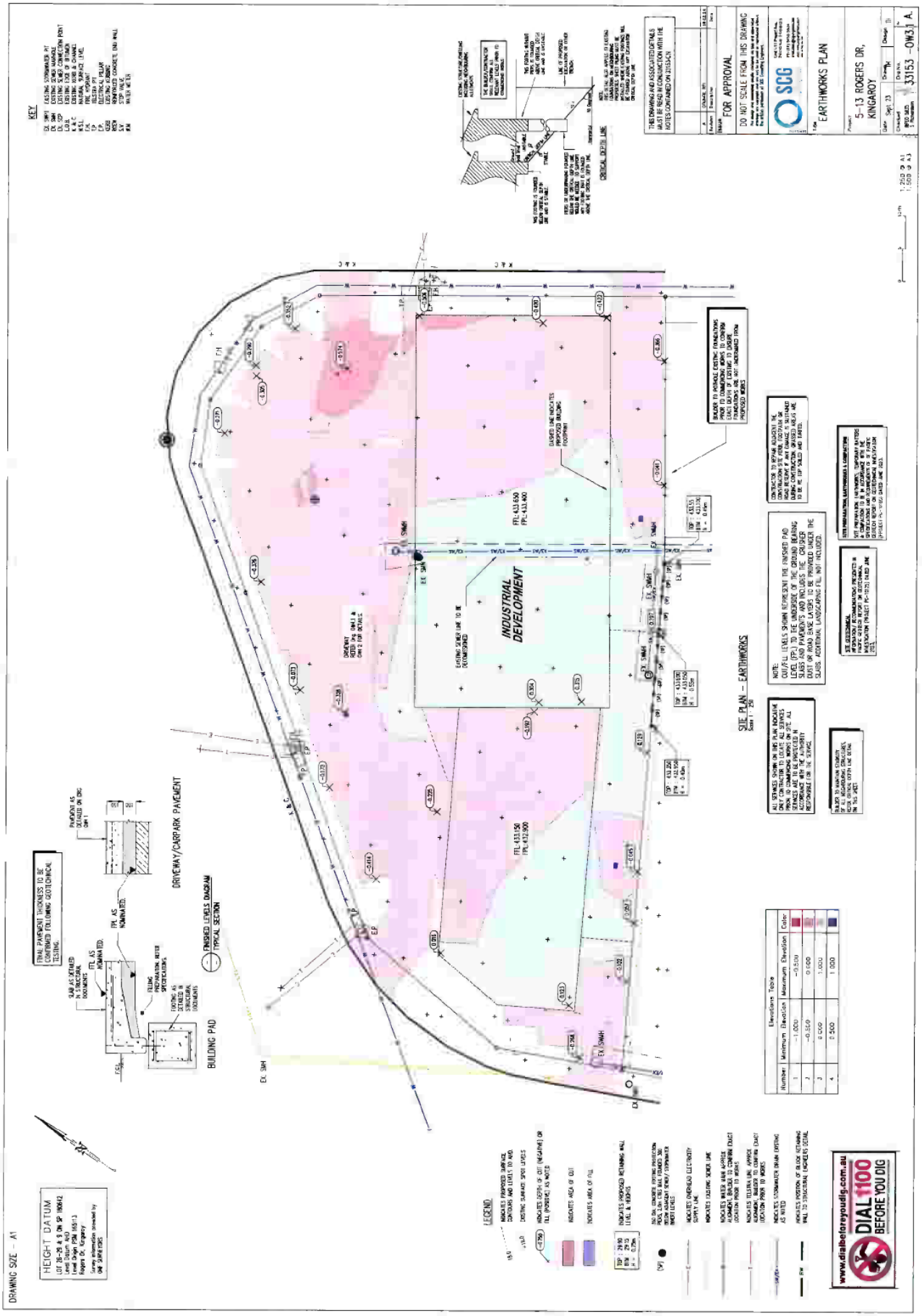
Date	Drawn	Design
Sept 23	TH	TH

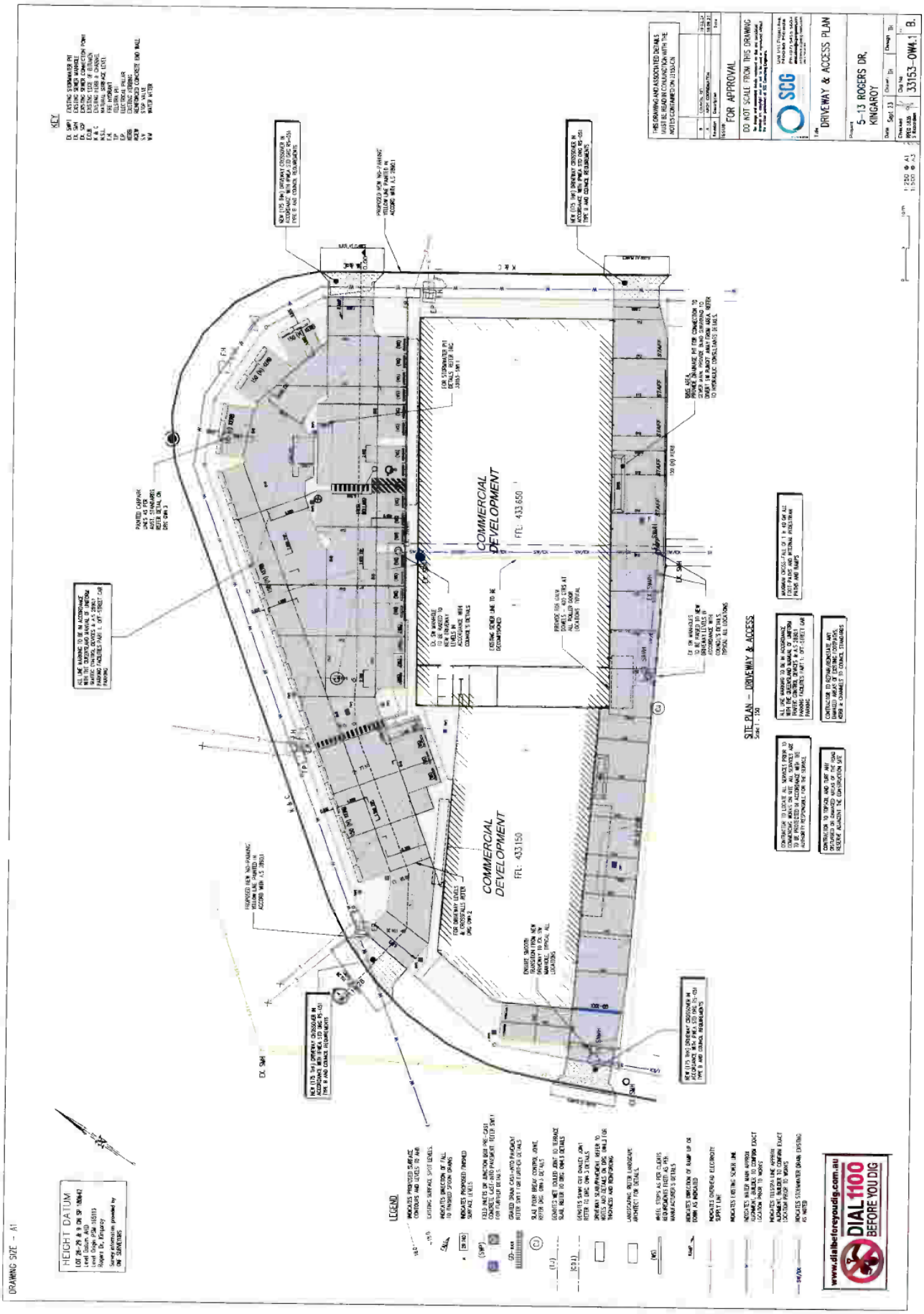
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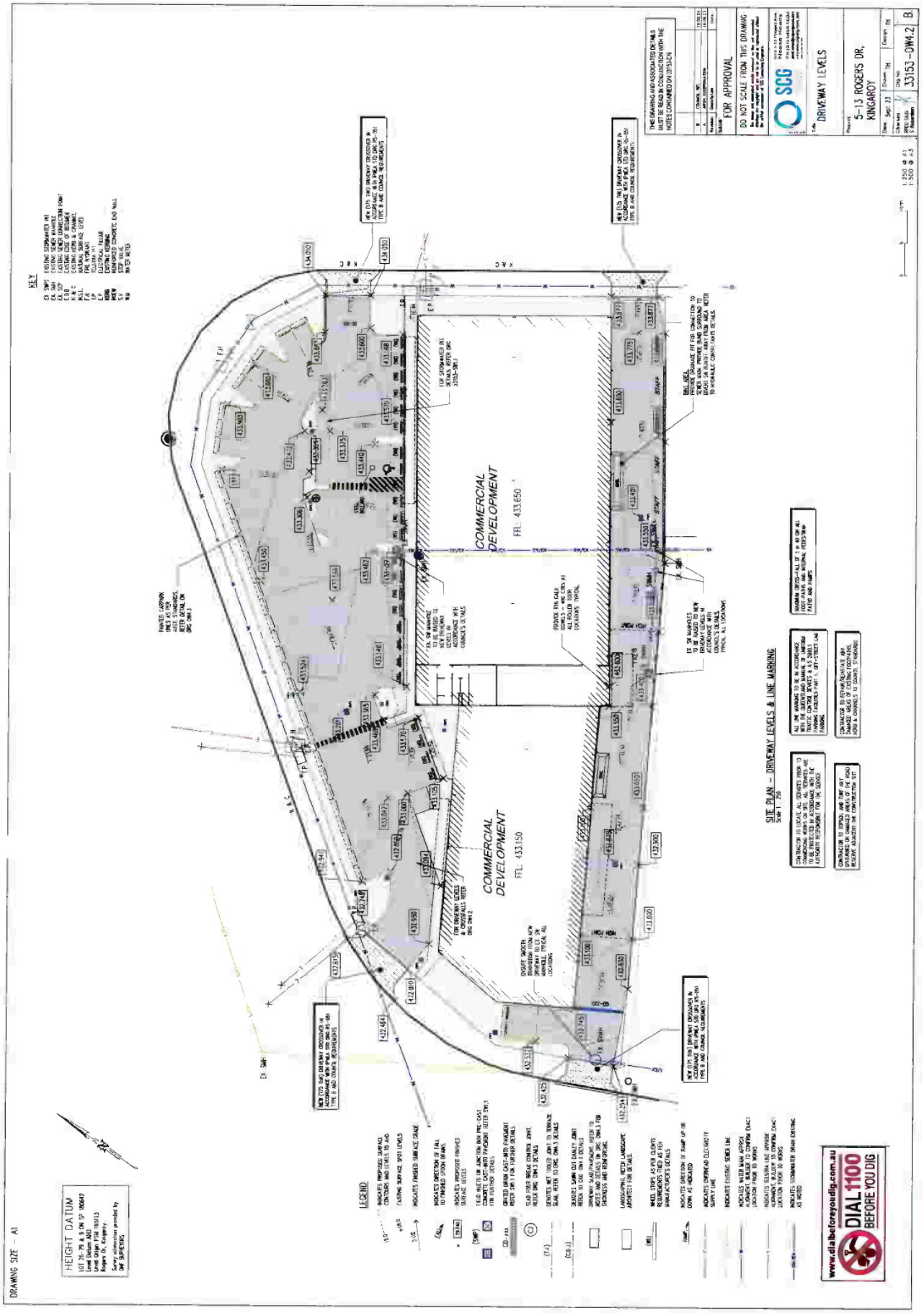
Dig No. 33153 –CN

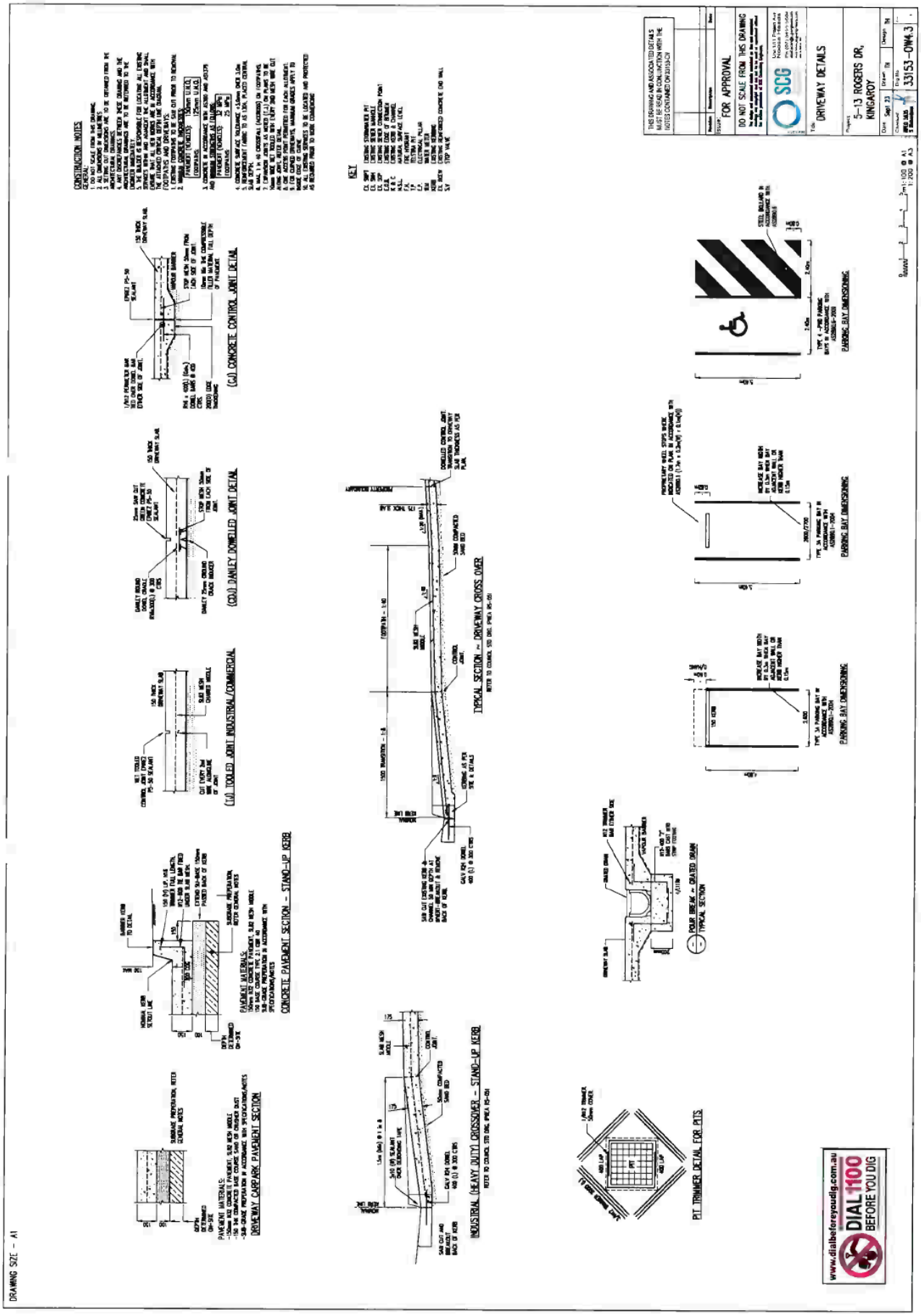

ROGERS DRIVE
SITE PLAN – SITE SURVEY & EXISTING SERVICES
FOR APPROVAL
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SITE SURVEY & EXISTING SERVICES
5-13 ROGERS DR, KINGAROY
31153 –DWG.1
SCG
DRAWING SIZE – A1
HEIGHT DATUM
LEGEND
KEY
CONSTRUCTION NOTES
DIAL 1100 BEFORE YOU DIG
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Indicative Sewer Line
Stormwater M/H
Building Walk
TBM SCREW IN CONC.
Emt M SP180642
EmtU SP180642
Emt O SP180642
TN SP180642
26 SP180642
27 SP180642
28 SP180642
29 SP180642
9 SP180642


SITE PLAN – SILT & SEDIMENT EROSION PLAN
SILT & SEDIMENT EROSION PLAN
5-13 ROGERS DR, KINGAROY
FOR APPROVAL
DO NOT SCALE FROM THIS DRAWING
SCG
33153-DW2.1 A
KEY
LEGEND
HEIGHT DATUM
DRAWING SIZE – A1
SILT FILTER SOCK DETAIL
PROTECTION OF EXISTING STORMWATER PITS
COIR LOG CHECK DAM DETAIL
SILT FENCE DETAIL
DIAL 1100
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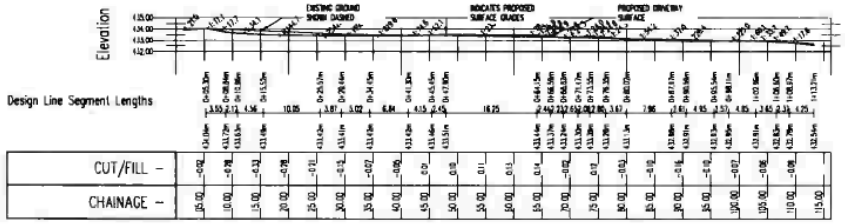

EARTHWORKS PLAN
5-13 ROGERS DR, KINGAROY
FOR APPROVAL
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SCG
INDUSTRIAL DEVELOPMENT
SITE PLAN – EARTHWORKS
DRIVEWAY/CARPARK PAVEMENT
BUILDING PAD
FINISHED LEVELS DIAGRAM
TYPICAL SECTION
HEIGHT DATUM
DRAWING SIZE – A1
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LEGEND
KEY


SITE PLAN – DRIVEWAY & ACCESS
Scale 1 : 150
COMMERCIAL DEVELOPMENT
FFL: 433.650
COMMERCIAL DEVELOPMENT
FFL: 433.150
DRIVEWAY & ACCESS PLAN
5-13 ROGERS DR, KINGAROY
FOR APPROVAL
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SCG
HEIGHT DATUM
LEGEND
KEY
DRAWING SIZE – A1
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DRAWING SIZE - A1
HEIGHT DATUM
KEY
LEGEND
SITE PLAN - DRIVEWAY LEVELS & LINE MARKING
COMMERCIAL DEVELOPMENT
FFL: 433.650
COMMERCIAL DEVELOPMENT
FFL: 433.150
DRIVEWAY LEVELS
5-13 ROGERS DR, KINGAROY
FOR APPROVAL
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SCG
33153-DW4.2
B
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DRAWING SIZE - A1
CONSTRUCTION NOTES
GENERAL
KEY
(C0.0) CONCRETE CONTROL JOINT DETAIL
(C0.0) DOWELLED JOINT DETAIL
(C0.0) TOOLED JOINT INDUSTRIAL/COMMERCIAL
CONCRETE PAVEMENT SECTION - STAND-UP KERB
DRIVEWAY CARPARK PAVEMENT SECTION
TYPICAL SECTION - DRIVEWAY CROSS OVER
INDUSTRIAL (HEAVY DUTY) CROSSOVER - STAND-UP KERB
PIT TRIMMER DETAIL FOR PITS
PARKING BAY DIMENSIONING
FOR APPROVAL
DO NOT SCALE FROM THIS DRAWING
DRIVEWAY DETAILS
5-13 ROGERS DR, KINGAROY
33153-DW4.3
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DRAWING SIZE – A1



PV – Carpark Longsection (1)

CARPARK LONGSECTION
Scale 1 : 500 VERT & 1 : 250 HORZ.

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THIS DRAWING AND ASSOCIATED DETAILS MUST BE READ IN CONJUNCTION WITH THE NOTES CONTAINED ON 33153-CN

Revision	Description	Date
A	COUNCIL RFI	15.08.24

ISSUE
FOR APPROVAL

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Title
DRIVEWAY LONGSECTION

Project
5-13 ROGERS DR, KINGAROY

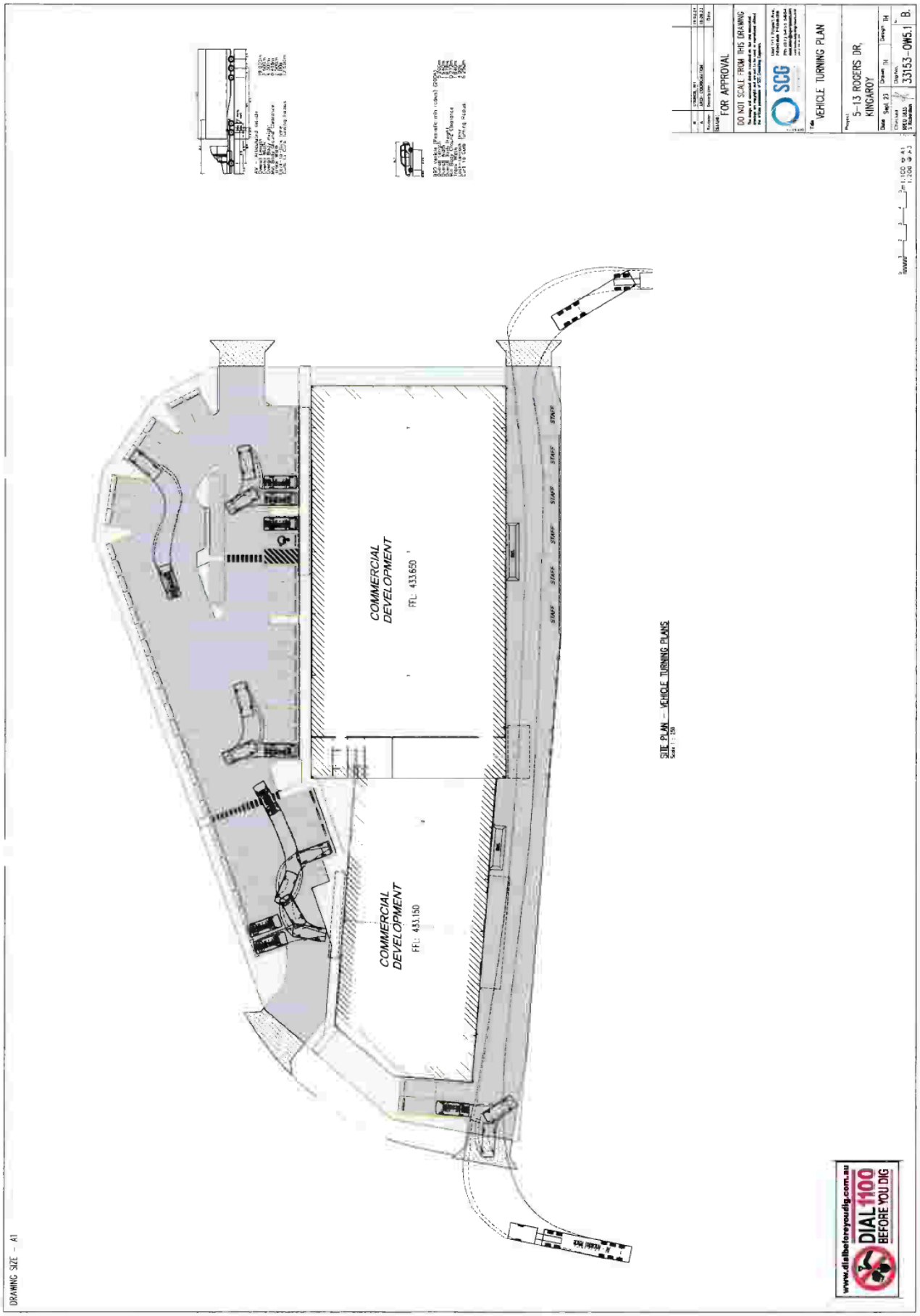
Date	Drawn	Design
Sept 23	TH	TH

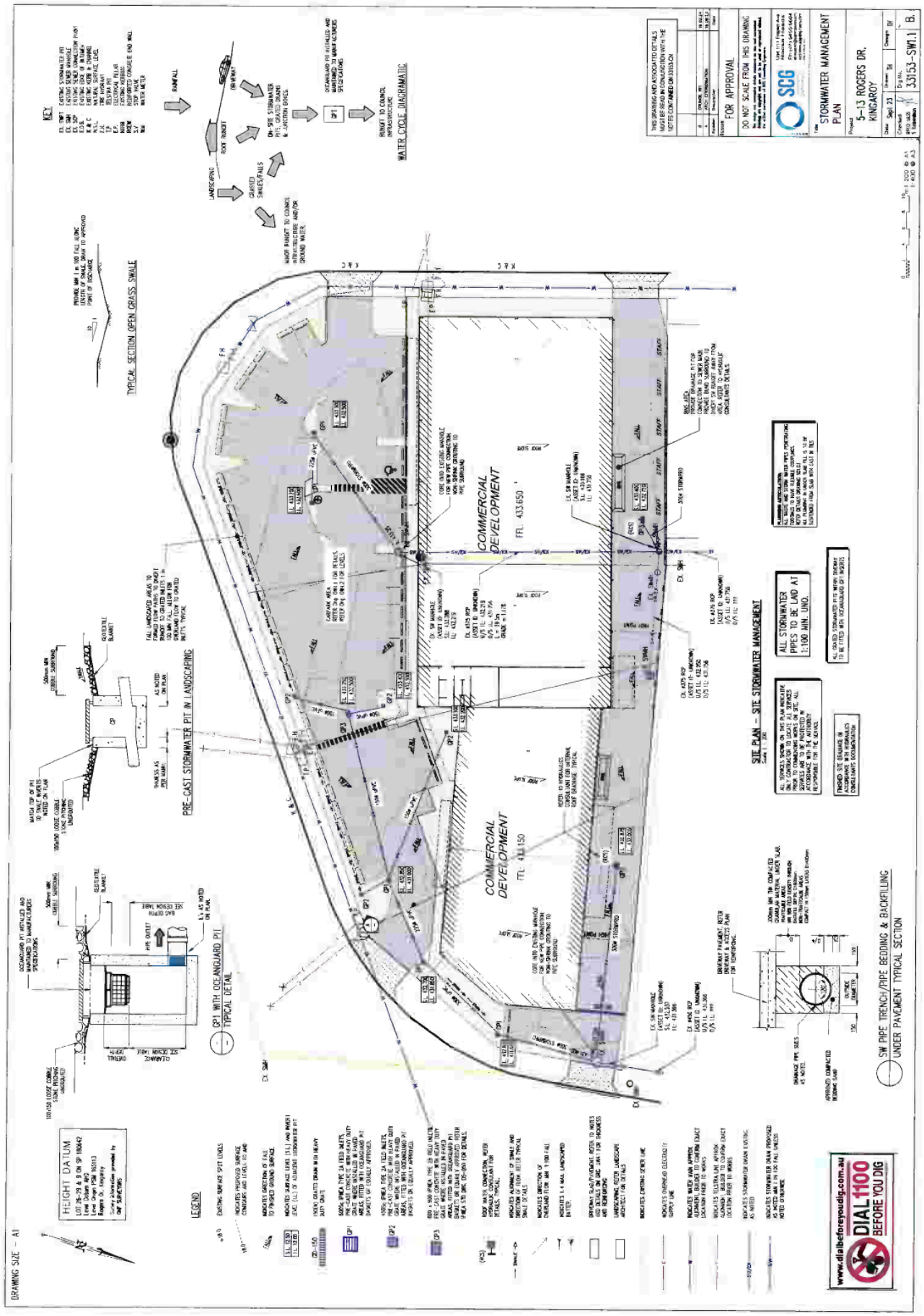
Check
RPEQ 1625 S Robertson

Dwg No.
33153-OW4.4

Rev
A

1:100 @ A1
1:200 @ A3


COMMERCIAL DEVELOPMENT
FFL: 433.650
COMMERCIAL DEVELOPMENT
FFL: 433.150
STAFF
SITE PLAN – VEHICLE TURNING PLANS
Scale 1 : 150
FOR APPROVAL
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SCG
VEHICLE TURNING PLAN
5-13 ROGERS DR, KINGAROY
33153-QW5.1
B
DRAWING SIZE – A1
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STORMWATER MANAGEMENT PLAN
5-13 ROGERS DR, KINGAROY
FOR APPROVAL
DO NOT SCALE FROM THIS DRAWING
SCG
33153-SW1.1 B
KEY
LEGEND
HEIGHT DATUM
SITE PLAN - SITE STORMWATER MANAGEMENT
COMMERCIAL DEVELOPMENT
FFL: 433.650
FFL: 433.150
ALL STORMWATER PIPES TO BE LAID AT 1:100 MIN. UNO.
PRE-CAST STORMWATER PIT IN LANDSCAPING
GP1 WITH OCEANGUARD PIT TYPICAL DETAIL
TYPICAL SECTION OPEN GRASS SWALE
WATER CYCLE DIAGRAMMATIC
SW PIPE TRENCH/PIPE BEDDING & BACKFILLING UNDER PAVEMENT TYPICAL SECTION
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SOUTH BURNETT REGIONAL COUNCIL
5-13 ROGERS DRIVE, KINGAROY
LOT 9, 26, 27, 28 & 29 on SP180642



SITE LOCATION
NTS

DRAWING INDEX		
DRAWING No.	DRAWING TITLE	REVISION
2309-001-SK001	COVER SHEET & DRAWING INDEX	B
2309-001-SK002	GROUND FLOOR PLANTING PLAN	B
2309-001-SK003	PLANT SPECIES SCHEDULE, IMAGES AND NOTES	B

PRELIMINARY

rev	description	drawn	date
B	REVISED ISSUE	SX	23.02.24
A	INITIAL ISSUE	SX	22.09.23

CAPE MORETON COMPANY
5-13 ROGER DRIVE, KINGAROY
LANDSCAPE CONCEPT PLAN
COVER SHEET & DRAWING INDEX

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scale | NTS for A1 job no | 2309-001
date | FEB 2024 rev no. | B
approved J. FOGARTY SK001



PLAN
SCALE 1:200

LEGEND

- PROPOSED FEATURE TREES
- PROPOSED SHADE TREES
- PROPOSED SHRUB AND LOW LEVEL PLANTING
- PROPOSED GROUNDCOVER PLANTING
- PROPOSED BUFFER PLANTING
- PROPOSED SWALE GROUNDCOVER PLANTING
- TURF
- HARDSTAND SURFACE FINISH TO PEDESTRIAN PRIORITY PATHWAY
- CONCRETE AREA - REFER CIVIL ENGINEERS DRGS FOR DETAILS
- PAVED AREA - REFER ARCHITECTS DRGS FOR DETAILS
- STORMWATER - REFER CIVIL ENGINEERS DRGS FOR DETAILS
- SEWER - REFER CIVIL ENGINEERS DRGS FOR DETAILS
- SWALE - REFER CIVIL ENGINEERS DRGS FOR DETAILS
- BUILDING LINE OVER
- PROPERTY BOUNDARY
- + RL 14.800 PROPOSED LEVEL

NOTES
1. REFER TO DRG 2309-001-SK010 FOR PLANT SPECIES SCHEDULE, IMAGES AND GENERAL NOTES
2. REFER ARCHITECTS DRGS FOR ALL FENCE DETAILS
3. REFER CIVIL ENGINEERS DRGS FOR ALL RETAINING WALL DETAILS

0 2 4 8 12m
SCALE 1:200 AT ORIGINAL SIZE

PRELIMINARY

rev	description	drawn	date
B	REVISED ISSUE	SX	23.02.24
A	INITIAL ISSUE	SX	22.09.23

CAPE MORETON COMPANY
5-13 ROGER DRIVE, KINGAROY
LANDSCAPE CONCEPT PLAN
GROUND FLOOR PLANTING PLAN

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scale 1:200 for A1 job no. 2309-001
date FEB 2024 rev no. B
approved J. FOGARTY SK002

ANNOTATION NOTES

1. DRIVEWAY ENTRY / EXIT
2. PEDESTRIAN ENTRY / EXIT
3. FEATURE TREES GRE bai TO DEFINE DRIVEWAY ENTRY / EXIT, SOFTEN BUILDING INTERFACE WITH ROGERS DRIVE
4. SHADE TREES MEL leu TO GARDENBED ADJACENT FOOTPATH TO SOFTEN HARDSTAND. TREES TO BE UNDERPLANTED WITH SHRUBS AND GROUNDCOVERS AS PER 2309-001-SK010
5. SMALL TREES GRE bai AND MAG LG TO BE MIX PLANTED TO GARDEN BED TO PROVIDE AMENITY TO CARPARK AND DRIVEWAY, UNDERPLANTED WITH SHRUBS AND GROUNDCOVERS AS PER 2309-001-SK010
6. PROPOSED SWALE TO BE PLANTED WITH WATER SENSITIVE GROUNDCOVERS CAR app, DIA BLA, DIA BRE, LOM SEA, LOM hys AND MYO par
7. BUFFERING SHRUBS MEL CT TO NORTH BOUNDARY TO SOFTEN SITE INTERFACE WITH ROGERS DRIVE. SHRUBS TO BE UNDERPLANTED WITH GROUNDCOVERS DIA BRE, HAR MEE AND LOM SEA
8. DRIVEWAY AND CAR PARK SPACES TO ENGINEERS DETAILS

PROPOSED PLANT SPECIES IMAGES

TREES


GREVILLEA baileyana


MAGNOLIA grandiflora 'Little Gem'


MELALEUCA leucadendron

SHRUBS


BANKSIA robur


BANKSIA spinulose


CALLISTEMON viminalis 'Captain Cook


GREVILLEA 'Coconut Ice


GREVILLEA 'Honey Gem'

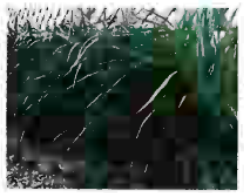

MELALEUCA linariifolia 'Claret Tops'


METROSIDEROS thomasii


WESTRINGIA 'Wynyabbie Gem'

GROUNDCOVERS

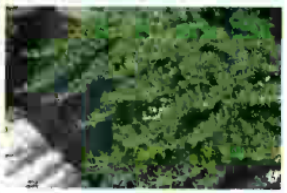

CAREX appressa


DIANELLA caerulea 'Breeze'


HARDENBERGIA violacea 'Meema'


LOMANDRA fluvialis 'Shara'


LOMANDRA confertifolia 'Seascape'


MYOPORUM parvifolium

PROPOSED PLANT SPECIES SCHEDULE

CODE	PLANT SPECIES	COMMON NAME	CENTRES (mm)	POT SIZE	MATURE SIZE (HEIGHT x WIDTH)
GRE bai	GREVILLEA baileyana	White Oak	AS SHOWN	25L	10m x 4m
MAG LG	MAGNOLIA grandiflora 'Little Gem'	Magnolia Little Gem	AS SHOWN	25L	5m x 3m
MEL leu	MELALEUCA leucadendra	Weeping paperbark	AS SHOWN	25L	15-12m x 5m
BAN rob	BANKSIA robur	Swamp Banksia	1500mm	200mm	
BAN spi	BANKSIA spinulosa	Hairpin Banksia	1000mm	200mm	
CAL CC	CALLISTEMON viminalis 'Captain Cook'	Weeping Bottlebrush	1500mm	200mm	
GRE CI	GREVILEA 'Coconut Ice'	Grevillea	1000mm	200mm	
GRE HG	GREVILLEA 'Honey Gem'	Grevillea	1500mm	200mm	
MEL CT	MELALEUCA linariifolia 'Claret Tops'	Claret Tops	1000mm	200mm	
MEL thy	MELALEUCA thymifolia	Thyme-leaf honey myrtle	1000mm	200mm	
WES WG	WESTRINGIA 'Wynyabbie Gem'	Wynyabbie Gem	750mm	200mm	
CAR app	CAREX appressa	Tussock Sedge	500mm	140mm	
DIA BLA	DIANELLA tasmanica Blaze - 'NPW2'	Blaze	500mm	140mm	
DIA BRE	DIANELLA caerulea Breeze' - 'DCNCO'	Native Flax Lily	500mm	140mm	
HAR MEE	HARDENBERGIA violacea 'Meema'	Meema Native Sarsaparilla	500mm	140mm	
LOM hys	LOMANDRA hystrix	Mat Rush	500mm	140mm	
LOM SEA	LOMANDRA confertifolia 'Seascape'	Creek Mat Rush	500mm	140mm	
MYO par	MYOPORUM parvifolium	Creeping Boobialla	750mm	140mm	
CYN LEG	CYNODON dactylon 'Legend'	Green Couch			

NOTES

1. REFER TO LANDSCAPE CONCEPT PLAN 2309-001-SK002 FOR PROPOSED PLANTING DESIGN
2. REFER TO CIVIL ENGINEERS DRAWINGS FOR DRIVEWAY AND CROSSOVER DETAILS
3. REFER TO ARCHITECTS DRAWINGS FOR ALL FENCE DETAILS
4. LANDSCAPE DETAILED DESIGN IS TO BE COORDINATED WITH HYDRAULIC AND ENGINEERING DESIGN TO CONFIRM LOCATIONS OF UNDERGROUND SERVICES PRIOR TO CONSTRUCTION
5. LANDSCAPE GENERAL STANDARDS.
   5.1 CULTIVATION MINIMUM DEPTH 150mm FOR TURFED AREAS AND PLANTING AREAS
   5.2 IMPORTED TOPSOIL TO AS 4419. MINIMUM DEPTHS, GRASSED AREAS (TURF) 100mm, PLANTING AREAS 300mm.
   5.3 MULCH TO AS 4454 PROVIDE MULCH WHICH IS FREE OF DELETERIOUS AND EXTRANEOUS MATTER SUCH AS SOIL, WEEDS AND STICKS.
   5.4 STAKE SIZES FOR PLANTS 1-2.5m HEIGHT TWO 50 x 50 x 1800mm STAKES PER PLANT PROVIDE TIES FIXED SECURELY TO THE STAKES, ONE TIE AT HALF THE HEIGHT OF THE MAIN STEM. OTHERS AS NECESSARY TO STABLILISE PLANT FOR PLANTS <2.5m HIGH 50mm HESSIAN WEBBING STAPLED TO THE STAKES

0 2 4 6 8 10m
SCALE 1:200 AT ORIGINAL SIZE

PRELIMINARY

rev	description	drawn	date
B	REVISED ISSUE	SX	23.02.24
A	INITIAL ISSUE	SX	22.09.23

CAPE MORETON COMPANY
5-13 ROGER DRIVE, KINGAROY

LANDSCAPE CONCEPT PLAN
PLANT SPECIES SCHEDULE, IMAGES AND NOTES

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landscape architecture and urban design

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scale | NTS for A1 | job no. | 2309-001
date | FEB 2024 | rev no. | B

approved J. FOGARTY SK010

Delegated Authority Date: 6 June 2024

OPERATIONAL WORK (EARTHWORKS) AT 1 KELVYN STREET KINGAROY (AND DESCRIBED AS LOT 101 ON SP257227). APPLICANT: REGIONAL HOUSING LIMITED C/- AT CONSULTING ENGINEERS & PROJECT MANAGERS.

	SIGNATURE	DATE
Acting MANAGER	[redacted]	11/6/24
Acting GM		10/6/24
CEO		12-6-2024

File Number: **OPW24/0004**

Author: **Engineering Contractor, Development Services**

Authoriser: **Chief Executive Officer**

PRECIS

A development application for a Development Permit for Operational Work – Earthworks & Access (in relation to Council Approval MCU23/0021).

SUMMARY

- A development application for a Development Permit for Operational Work – Earthworks & Access – OPW24/0004.
- The subject site located in the Residential zone under the South Burnett Regional Council Planning Scheme.
- The works proposed are part of predevelopment works for a Retirement Village on the site. (in relation to Council approval for MCU23/0021.
- The development application is assessed against the relevant Code of the South Burnett Regional Council Planning Scheme, being the Service & Works Code.
- Council did not issue an information request.
- The application has been assessed and the proposal generally meets the requirements of the Planning Scheme and relevant Codes or has been conditioned to comply.
- The application is recommended for approval subject to reasonable and relevant conditions

OFFICER'S RECOMMENDATION

It is recommended that Council approve the development application for Operational Work for Earthworks & Access on land described as Lot 101 on SP257227 and situated at 1 Kelvyn St, Kingaroy, subject to the following conditions:

GENERAL

ENG1. Compliance with the plans and specifications submitted with Development Application OPW24/0001, approval conditions, and all Council Planning Scheme Policies.

ENG2. This approval extends to Earthworks & Access only as detailed, and is conditional upon a set of "Issued for Construction" drawings, amended if required by the conditions of this approval, being submitted to Council for endorsement, prior to pre-start meeting.

ENG3. Submit to Council, a Certification from a suitably qualified Engineer (RPEQ) that the works have been undertaken in accordance with the approved plans and specifications and to Council's requirements, prior to commencement of the

ENG4. Undertake all approved works and works required by conditions of this development approval at no cost to Council.

ENG5. Adhere to the following hours of construction unless otherwise approved in writing by Council:

Monday to Saturday:	6.30am to 6.30pm	Noise permitted
Monday to Sunday:	6.30pm to 6.30am	No noise permitted
Sunday and Public Holidays:		No noise permitted

Do not conduct work or business that causes audible noise from or on the site outside the above hours.

ENG6. Be responsible to carry out Work Health and Safety legislative requirements.

ENG7. Ensure all work sites are maintained in a clean, orderly state at all times.

ENG8. Manage all waste in accordance with the relevant legislation and regulations and dispose of regulated waste at a licensed facility of South Burnett Regional Council by a licensed regulated waste disposal contractor.

ENG9. Be responsible for the location and protection of any Council and public utility services infrastructure and assets that may be impacted on during construction of the development.

ENG10. Repair all damages incurred to Council and public utility services infrastructure and assets, as a result of the proposed development, immediately should hazards exist for public health and safety or vehicular safety. Otherwise, repair all damage immediately upon completion of works associated with the development.

STORMWATER

ENG11. Ensure that earthworks and fill on the subject land do not lead to ponding of stormwater or actionable nuisance, and drain freely to a lawful point of discharge in accordance with the Queensland Urban Drainage Manual.

ENG12. Do not concentrate stormwater onto adjoining properties.

DEVELOPMENT WORKS

ENG13. Demonstrate that the Retaining Wall footings comply with the Queensland Development Code *MP1.4 Building over or near relevant infrastructure*, and provide updated drawings if required.

Timing: Prior to commencement of construction.

ENG14. Maintain erosion and sedimentation controls at all times during the course of the project. Council Officers will inspect and assess the sediment and erosion control measures and temporary fencing implemented, and any alterations and/or supplementary works required must be incorporated.

ENG15. Implement measures to prevent site vehicles tracking sediment and other pollutants from the site onto adjoining streets during the course of the project, and to prevent dust nuisance during construction.

ENG16. Be responsible for protecting nearby property owners from dust pollution arising from construction and maintenance of the works required by this approval, and comply with any lawful instructions from the Assessment Manager if, in his opinion, a dust nuisance exists.

EARTHWORKS

ENG17. Supervise bulk earthworks to Level 1 or Level 2 as applicable, and have a frequency of field density testing carried out in accordance with Table 8.1 of AS3798.

ENG18. Contain cut or fill batters wholly within the subject land. Do not place fill on adjacent properties without providing Council with written permission from the respective property owner(s).

ENG19. Do not use contaminated material as fill on the site. Undertake any filling using inert materials only.

ENG20. Submit to Council, the following for approval in the event it is proposed to import material to or export material from the site, prior to commencement of the work:

(a) details of the location of any material to be sourced for fill including the volume of fill to be moved from any particular source site;

(b) details of the final location for any material to be exported from the site from excavations including the volume to be moved to any particular site; and

(c) the proposed haulage route(s) and truck sizes for carting of the material.

Note: Further Development Applications may be required to be submitted to and approved by Council for sites proposed to import material from or export material to, or conditions may be applied to any sites endorsed in accordance with this condition, eg submit a Traffic Management Plan to Council for acceptance, or rehabilitation of the site. Any required approvals are to be in place prior to commencement of the work.

This approval does not extend to any material proposed to be imported to or exported from the site:

(d) other than from or to site(s) that have a current Development Approval enabling them to export/accept any material; or

(e) the material is being exported to and accepted at a licensed Council refuse facility.

INSPECTIONS AND TESTING

ENG21. Submit to Council the pre-start meeting agenda at the confirmation of a date and time for the meeting.

ENG22. Provide Council with a minimum of two clear working days notice to undertake compulsory inspections and meetings at the following stages:

(a) Pre-start meeting with Council, Contractor, and developer;

(b) at the point of completion of all works.

The approval is subject to construction being undertaken in accordance with the Approved Plans prepared by Kehoe Myers as listed below:

Drawing No.	Rev	Drawing/Plan Title	Date
C-101	E	General Notes	05/03/2024
C-102	E	General Layout Plan	05/03/2024
C-103	E	Pavement Layout Plan & Details	05/03/2024
C-108	E	Retaining Wall Details	05/03/2024
C-109	E	Bulk Earthworks Plan	05/03/2024

ADVICE NOTES

The applicant be advised that:

(a) Prior to commencement of the use or endorsement of the survey plan as applicable, the applicant shall contact Council to arrange a Development Compliance Inspection.

(b) The applicant must ensure compliance with environmental conditions whether required to hold an Environmental Authority or not. These include, but are not limited to water quality, air quality, noise levels, waste waters, lighting and visual quality as a result of any activity or by-product or storage of materials within the confines of the building(s) and property boundaries.

Any amendment, alteration or addition to the development approval will require further consideration by Council in assessing any changes to the environmental conditions.

(c) The *Aboriginal Cultural Heritage Act 2003* (ACHA) is administered by the Department of Aboriginal and Torres Strait Islander and Multicultural Affairs (DATSIMA). The ACHA establishes a duty of care to take all reasonable and practicable measures to ensure any activity does not harm Aboriginal cultural heritage. This duty of care:

(i) is not negated by the issuing of this development approval;
(ii) applies on all land and water, including freehold land;
(iii) lies with the person or entity conducting an activity; and
(iv) if breached, is subject to criminal offence penalties.

Those proposing an activity involving surface disturbance beyond that which has already occurred at the proposed site must observe this duty of care. Details of how to fulfil this duty of care are outlined in the duty of care guidelines gazetted with the ACHA. The applicant should contact DATSIP's Cultural Heritage Co-ordination Unit on telephone (07) 3224 2070 for further information on the responsibilities of developers under the ACHA.

(d) The ***relevant period*** for the development approval (Operational Work) shall be **two (2) years** starting the day the approval is granted or takes effect. In accordance with Section 85(1)(c) of the *Planning Act 2016* (PA), the development approval for Operational Work lapses if the development does not substantially start within the abovementioned ***relevant period.***

An applicant may request Council to extend the ***relevant period*** provided that such request is made in accordance with Section 86 of PA and before the development approval lapses under Section 85 of the PA.

(e) Council is to be indemnified against any claims arising from works carried out by the applicant on Council's property.

(f) The relevant Planning Scheme for this Development Permit is the South Burnett Regional Council Planning Scheme 2017. All references to the Planning Scheme and Schedules within these conditions refer to the above Planning Scheme.

FINANCIAL AND RESOURCE IMPLICATIONS

No implication can be identified.

LINK TO CORPORATE/OPERATIONAL PLAN

Growing our Region's Economy and Prosperity

- GR8 Support and advocate for appropriate growth and development with responsive planning schemes, process, customer service and other initiatives.

COMMUNICATION/CONSULTATION (INTERNAL/EXTERNAL)

Refer to CONSULTATION in this report.

LEGAL IMPLICATIONS (STATUTORY BASIS, LEGAL RISKS)

No implication identified.

POLICY/LOCAL LAW/DELEGATION IMPLICATIONS

No implication can be identified.

ASSET MANAGEMENT IMPLICATIONS

No implication can be identified.

Delegated Authority Date: 6 June 2024

REPORT

1. APPLICATION DETAILS

Site address	1 Kelvyn Street, Kingaroy		
Real property description	Lot 101 on SP257227		
Easements or encumbrances on title	Nil		
Area of Site	0.0786 ha		
Current Use	Vacant		
Environmental Management Register or Contaminated Land Register	N/A		
Applicant's name	Regional Housing Limited		
Zone	Low Density Residential		
Applicable Overlays	Nil		
Proposed use as defined	Approved for Multiple Dwelling		
Details of proposal	Material Change of Use (MCU's)		
	▪ Gross Floor Area (GFA)	N/A	
	▪ Impervious area	N/A	
	▪ Building height	N/A	
	▪ Site Cover	N/A	
	▪ Access	N/A	
	▪ Landscape	N/A	
	▪ Number of car parks	N/A	
	▪ Number of units/tenancies	N/A	
	Reconfiguring a Lot (RALs)		
	• Number of existing lots	N/A	
	• Easements or leases proposed	N/A	
	• Number of proposed lots	N/A	
	• Lot areas	N/A	
	• Access	N/A	

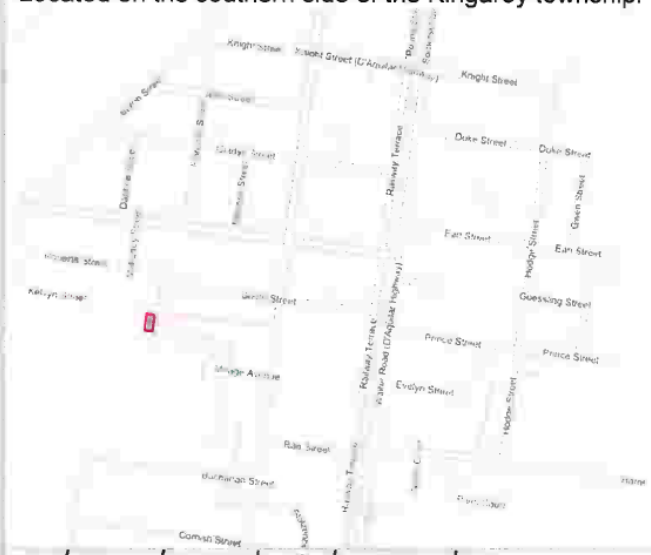
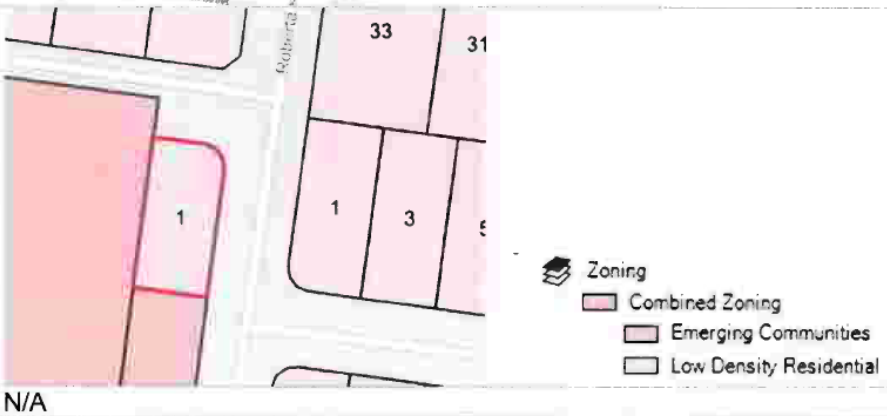
Application type	Aspects of Development	Type of Approval Requested	
		Preliminary Approval	Development Permit
	Material Change of Use (MCU)		
	Reconfiguration of a Lot (RAL)		
	Building Work (BW)		
	Operational Work (OPW)		X
Level of Assessment	Code		

Pre-lodgement / Consultation history	- N/A	
Key planning issues e.g. vegetation, waterway corridors, overland flow	- N/A	
Referral agencies	Agency	Concurrence/ Advice
	NA	NA
Public notification	N/A	
Planning Regulation 2017	N/A	

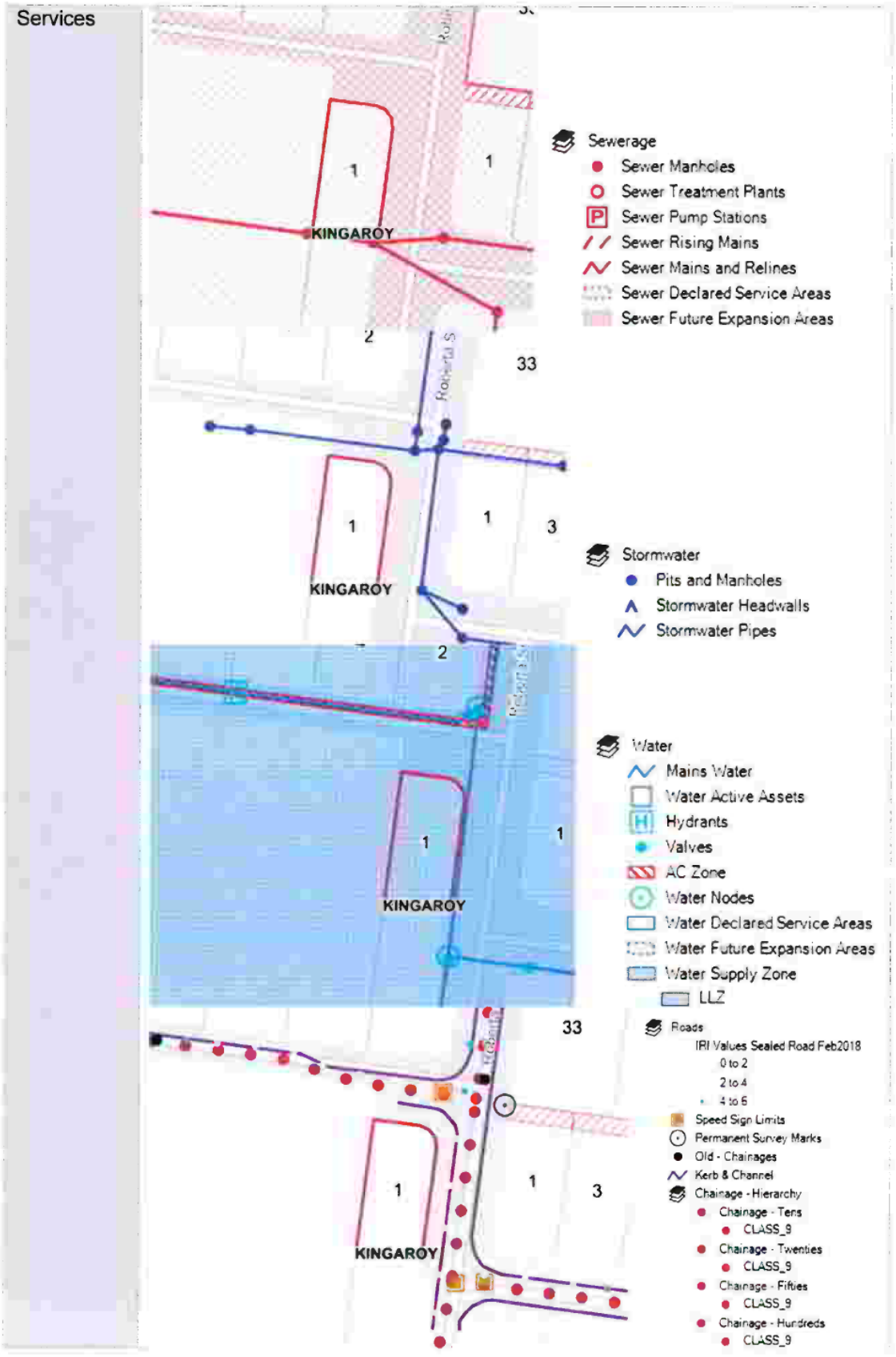
2. THE SITE

2.1. DEVELOPMENT HISTORY OF THE SITE

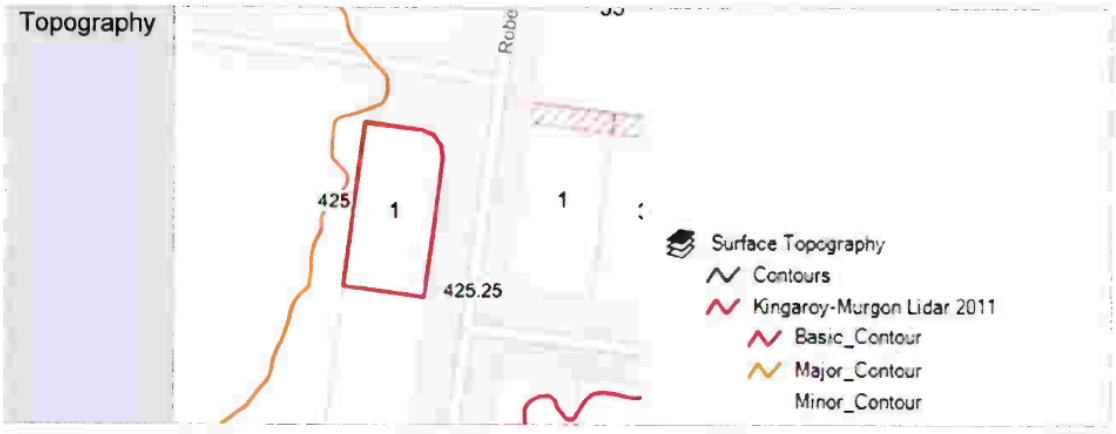
Table 1 – Maps & Descriptions (Source: Intramaps)

Site	Located on the southern side of the Kingaroy township. 
Zoning	
Overlays	N/A

Delegated Authority Date: 6 June 2024



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3. PROPOSAL DETAILS

SUMMARY DETAILS

The application is for earthworks and access for approved multiple dwelling (3 units) – MCU23/0021.

4. ASSESSMENT OF ASSESSMENT BENCHMARKS

Framework for Assessment
Categorising Instruments for Statutory Assessment

For the *Planning Act 2016*, the following Categorising Instruments may contain Assessment Benchmarks applicable to development applications:

- the *Planning Regulation 2017;*
- the Planning Scheme for the local government area;
- any Temporary Local Planning Instrument; and
- any Variation Approval.

Of these, the planning instruments relevant to this application are discussed in this report.

Planning Act 2016, Section 26 – Assessment Benchmarks generally

(1) For section 45(3)(a) of the Act, the code assessment must be carried out against the assessment benchmarks for the development stated in schedules 9 and 10.

(2) Also, if the prescribed assessment manager is the local government, the code assessment must be carried out against the following assessment benchmarks—

(a) the assessment benchmarks stated in—

(i) the regional plan for a region, to the extent the regional plan is not identified in the planning scheme as being appropriately integrated in the planning scheme; and

(ii) the State Planning Policy, part E, to the extent part E is not identified in the planning scheme as being appropriately integrated in the planning scheme; and

(iii) a temporary State planning policy applying to the premises;

(b) if the local government is an infrastructure provider—the local government's LGIP.

(3) However, an assessment manager may, in assessing development requiring code assessment, consider an assessment benchmark only to the extent the assessment benchmark is relevant to the development.

4.1. PLANNING REGULATION 2017

The Planning Regulation 2017 forms the mechanism by which the provisions of the Act are administered. In particular the Regulation has the ability to regulate and prohibit development and determines the assessment manager and the matters that trigger State interests.

PLANNING REGULATION 2017 DETAILS	
Assessment Benchmarks:	Schedule 12A Walkable Neighbourhoods (IF APPLICABLE)
WBB Regional Plan Designation:	Wide Bay Burnett Regional Plan 2011 – Urban Footprint The Urban Footprint identifies land that can meet the region's projected urban development needs to at least 2031. The Urban Footprint is a representation of: • large urban communities, other communities recognised as being affected by growth pressures, and other areas recognised as the preferred locations for future growth; and, • lands surrounded by existing or proposed urban development, but which may not be an appropriate location for development (e.g. flood plains). The Wide Bay Burnett Regional Plan 2011, currently being reviewed, identifies the township of Kingaroy as one of the key inland towns for the Wide Bay Burnett region, and together with Bundaberg, Gympie, Hervey Bay and Maryborough, is intended to provide a range of higher order services and functions for the urban communities and to support the region's rural activities. More particularly, the Regional Plan identifies Kingaroy as a Major Regional Activity Centre within the South Burnett Regional Council area.

4.2. STATE PLANNING POLICY

The State Planning Policy (July 2017) (SPP) commenced on the 3 July 2017 and is effective at the time of writing this report. The Planning Regulation 2017 (PR 2017) states the assessment must be carried out against the assessment benchmarks stated in Part E of the State Planning Policy to the extent Part E is not appropriately integrated into the planning scheme.

In accordance with section (8)(4)(a) of the Act, the State Planning Policy applies to the extent of any inconsistency with the Planning Scheme.

State Planning Policy Part E	
Liveable communities and housing	No applicable assessment benchmarks
Economic growth • Agriculture. • Development and construction. • Mining and extractive resources. • Tourism.	No applicable assessment benchmarks
Planning for the environment and heritage. • Biodiversity. • Coastal environment. • Cultural heritage. • Water quality.	No applicable assessment benchmarks
Safety and resilience to hazards • Emissions and hazardous activities. • Natural hazards, risk, and resilience.	No applicable assessment benchmarks
Infrastructure • Energy and water supply. • Infrastructure integration. • Transport infrastructure.	Complies.

• Strategic airports and aviation facilities. • Strategic ports.	All appropriate residential services infrastructure and connections can be made and are conditioned as part of the approval.

4.3. DEVELOPMENT CODE ASSESSMENTS

SERVICE & WORKS CODE

Performance outcomes	Assessment benchmarks	Assessment
General		
PO1 The development is planned and designed considering the land use constraints of the site for achieving stormwater design objectives.	**AO1.1** A stormwater quality management plan provides for achievable stormwater quality treatment measures that meet the design objectives identified in Table 9.4.4.	N/A for Operational Work
PO2 Development does not discharge wastewater to a waterway or off-site unless demonstrated to be best practice environmental management for that site.	**AO2.1** A wastewater management plan prepared by a suitably qualified person and addresses : (a) wastewater type; (b) climatic conditions; (c) water quality objectives; (d) best-practice environmental management; AND **AO2.2** Wastewater is managed in accordance with a waste management hierarchy that: (a) avoids wastewater discharge to waterways; or (b) minimises wastewater discharge to waterways by re-use, recycling, recovery and treatment for disposal to sewer, surface water and groundwater.	N/A
PO3 Construction activities avoid or minimise adverse impacts on stormwater quality.	**AO3.1** An erosion and sediment control plan addresses the design objectives for the construction phase in Table 9.4.4.	Erosion and sediment control has been conditioned. No changes to stormwater arrangements expected. Discharge is to the Kelvyn Street or Roberta Street frontage.
PO4 Operational activities avoid or minimise changes to waterway hydrology from adverse impacts of altered stormwater quality and flow.	**AO4.1** Development incorporates stormwater flow control measures to achieve the design objectives for the post-construction phase in Table 9.4.4.	N/A

Performance outcomes	Assessment benchmarks	Assessment
Infrastructure		
PO5 Development is provided with infrastructure which: (a) conforms with industry standards for quality; (b) is reliable and service failures are minimised; and (c) is functional and readily augmented.	**AO5.1** Except in the Rural zone, all development occurs on a site with frontage to a sealed road. AND **AO5.2** Infrastructure is designed and constructed in accordance with the standards contained in PSP1 – Design and Construction Standards.	N/A
Vehicle parking		
PO6 Vehicle parking and access is provided to meet the needs of occupants, employees, visitors and other users.	**AO6.1** Vehicle parking spaces are provided on-site in accordance with Table 9.4.5. AND **AO6.2** A service bay is provided on-site for the service vehicle nominated in Table 9.4.5. AND **AO6.3** Driveway crossings are provided to the standard contained in PSP1 – Design and Construction Standards. AND **AO6.4** Vehicle parking and manoeuvring areas are provided in accordance with the standards contained in PSP1 – Design and Construction Standards.	N/A

Performance outcomes	Assessment benchmarks	Assessment
Landscaping		
PO7 Landscaping is appropriate to the setting and enhances local character and amenity.	**AO7.1** Landscaping is provided in accordance with the relevant zone code provisions. AND **AO7.2** Where shade tree planting is required in vehicle parking areas each planting bed has a minimum area of $2m^2$ and is unsealed and permeable. AND **AO7.3** Plantings along frontages or boundaries are in the form of defined gardens with three tier planting comprised of groundcovers, shrubs (understorey), and trees (canopy) and provided with a drip irrigation system, mulching and border barriers.	N/A
PO8 Plant species avoid adverse impacts on the natural and built environment, infrastructure and the safety of road networks.	**AO8.1** Landscaping utilises plant species that are appropriate for the location and intended purpose of the landscaping. AND **AO8.2** Species selection avoids non-invasive plants. Editor's Note. Guidance on plant selection is provided in Branching Out - Your Handy Guide to tree Planting in the South Burnett available from Council.	N/A
Filling and excavation		
PO9 Development results in ground levels that retain: (a) access to natural light; (b) aesthetic amenity; (c) privacy; and (d) safety.	**AO9.1** The depth of: (a) fill is less than 2m above ground level; or (b) excavation is less than 2m below ground level. AND **AO9.2** The toe of the fill, or top of the excavation is not less than 0.5m inside the site property boundary. AND **AO9.3** Works do not occur on slopes over 15% in grade.	Cut or fill is stepped over the length of the site. Existing slope is less than 15%.

Performance outcomes	Assessment benchmarks	Assessment
	AND **AO9.4** Retaining walls over 1m in height are terraced 1.5m for every 1m in height and landscaped. AND **AO9.5** Batter slopes are not steeper than 25% and are grassed and terraced 1.5m for every 1m in height. AND **AO9.6** Filling or excavation for the purpose or retention of water: (a) is certified by an RPEQ engineer to safely withstand the hydraulic loading; (b) directs overflow such that no scour damage or nuisance occurs on adjoining lots.	
PO10 Filling or excavation does not cause damage to public utilities.	**AO10.1** Filling or excavation does not occur within 2m horizontally of any part of an underground water supply, sewerage, stormwater, electricity or telecommunications system.	Public Utilities not expected to be affected.
PO11 Filling and excavation avoids water ponding on the premises or nearby premises that will adversely impact on the health of the community.	**AO11.1** Following filling or excavation: (a) the premises: (i) are self-draining; and, (ii) has a minimum slope of 0.25%; and, (b) surface water flow is: (i) directed away from neighbouring properties; or (ii) discharged into a stormwater drainage system designed and constructed in accordance with AS3500 section 3.2.	Ponding of water is not expected as a result of the works.
All operational work subject to an overlay		
Biodiversity overlay		
PO12 Development avoids, minimises or mitigates adverse impacts on areas of environmental significance.	**AO12.1** Uses and associated works are confined to areas not identified on Overlay Map 05. OR	N/A

Performance outcomes	Assessment benchmarks	Assessment
	AO12.2 Development is compatible with the environmental values of the area. OR **AO12.3** Where development within an area identified on Overlay Map 05 is unavoidable, measures recommended by a suitably qualified ecologist are incorporated to protect and retain the environmental values and underlying ecosystem processes within or adjacent to the development site to the greatest extent practical.	
PO13 Biodiversity values of identified areas of environmental significance are protected from the impacts of development	**AO13.1** Development adjacent to Protected Areas identified on Overlay Map 05 is set back a minimum of 100m from the park boundaries in the absence of any current 'Management Plans' for these areas.	N/A
PO14 There are no significant adverse effects on water quality, ecological and biodiversity values.	**AO14.1** Uses and associated works are confined to areas outside overland flow paths and natural drainage features. AND **AO14.2** The Waterway Corridors identified on Overlay Map 05 are maintained in a natural state.	N/A

Performance outcomes	Assessment benchmarks	Assessment
Flood hazard overlay		
PO15 Development directly, indirectly and cumulatively avoids any significant increase in water flow, velocity or flood level, and does not increase the potential for flood damage either on site or other properties.	**AO15.1** Works associated with the proposed development do not: (a) involve a net increase in filling greater than 50m^3 in the area identified on Overlay Map 03; (b) result in any reductions of on-site flood storage capacity and contain within the site any changes to depth / duration/velocity of flood waters; or (c) change flood characteristics outside the site in ways that result in: (i) loss of flood storage; (ii) loss of/changes to flow paths; (iii) acceleration or retardation of flows; or (iv) any reduction in flood warning times.	The site is located within the Flood Hazard Overlay, however the site is only partially affected with minimal water on the site in the ARI100 year event. No significant increase in water flow, velocity or flood level, and does not increase the potential for flood damage is expected.
Regional infrastructure overlay		
PO16 Earthworks do not restrict access to and along major electricity infrastructure corridors by the electricity providers, using their normal vehicles and equipment.	**AO16.1** Earthworks do not alter levels along the boundaries of existing easements by more than 300mm and do not result in increased inundation of electricity infrastructure.	Site will not impact existing electrical easements.
PO17 There is no worsening of drainage or erosion conditions affecting the bulk supply and linear infrastructure.	No outcome specified.	N/A
Water catchments overlay		
PO18 There are no significant adverse effects on the water quality of the Region's drinking water supply.	**AO18.1** Development within the Bjelke-Petersen Dam Water Resource Catchment Area and the 800m buffer to Boondooma and Gordonbrook Dams shown on Overlay Map 06 has no significant adverse effect on the quantity and availability of raw water for consumption, as determined by a suitably qualified water quality expert. OR	Site is not within a water supply catchment.

Performance outcomes	Assessment benchmarks	Assessment
	AO18.2 Development within the Cooyar Creek water supply buffer area shown on Overlay Map 06 complies with the specific outcomes and measures of the *Seqwater Development Guidelines: Development Guidelines for Water Quality Management in Drinking Water Catchments 2012*.	

5. CONSULTATION

Council Referrals

INTERNAL REFERRAL SPECIALIST	*REFERRAL / RESPONSE*
Development Engineer	Development Engineer has prepared this report.
Infrastructure Charges Unit	Not Applicable

6. RECOMMENDATION

The assessing Officer considers the proposed development generally complies with the relevant Code and any identified non-compliance is managed through appropriate conditions.

It is recommended that Council approve the development application for a Development Permit Operational Work for Earthworks and Access on land described as Lot 101 on SP257227 and situated at 1 Kelvyn Sreet, KINGAROY.

ATTACHMENTS

1. **Attachment A - Approved Plans**

GENERAL

G1 THESE DRAWINGS SHALL BE READ IN ACCORDANCE WITH ALL OTHER CONSULTANTS' DRAWINGS AND SPECIFICATIONS AND WITH OTHER WRITTEN INSTRUCTION AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT. ANY DISCREPANCIES SHALL BE REFERRED TO THE SUPERINTENDENT BEFORE PROCEEDING WITH THE WORKS.
G2. ALL SETTING OUT DIMENSIONS AND LEVELS SHALL BE VERIFIED ON SITE PRIOR TO COMMENCEMENT OF WORKS.
G3. DIMENSIONS SHALL NOT BE OBTAINED BY SCALING THE DRAWINGS.
G4. CONTRACTOR TO ENSURE SAFETY AND STABILITY OF THE EXISTING CONDITIONS AND ALL WORKS INCLUDING TEMPORARY SUPPORTS THROUGHOUT THE DURATION OF THE WORKS
G5. ALL WORKMANSHIP AND MATERIALS (WHETHER SHOWN ON THESE DRAWINGS OR NOT) SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL CONSTRUCTION CODE (NCC), AUSTRALIAN STANDARDS AND THE BY-LAWS AND ORDINANCES OF THE RELEVANT BUILDING AUTHORITY. ALL CODES SHALL BE CURRENT EDITIONS.
G6. ANY CONFLICT BETWEEN THESE NOTES AND THE SPECIFICATION OF THESE DRAWINGS SHALL BE RESOLVED BY THE ENGINEER.
G7. ALL EQUIPMENT MUST BE FREE OF FIRE ANTS PRIOR TO AND DURING CONSTRUCTION.
G8. SAFETY FENCES REQUIRED AROUND TOP OF EXCAVATIONS DEEPER THAN 1.0m.
G9. CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS
G10 IF DOUBT EXISTS, REFER TO ENGINEER

DESIGN CRITERIA

DC1. THE DETAILS SHOWN ON THESE DRAWINGS HAS BEEN DESIGNED BASED ON THE FOLLOWING:

SURCHARGE LOAD ON BACKFILL/RETAINING WALL:	2.5 kPa
DRIVEWAY AND CARPORTS:	2.5 kPa, 13kN

UNDERGROUND SERVICES

US1. NOTWITHSTANDING THAT EXISTING SERVICES MAY OR MAY NOT BE SHOWN ON THESE DRAWINGS, NO RESPONSIBILITY IS TAKEN BY THE ENGINEER OR THE PRINCIPAL FOR THIS INFORMATION WHICH HAS BEEN SUPPLIED BY OTHERS. THE DETAILS ARE PROVIDED FOR INFORMATION ONLY. THE CONTRACTOR SHALL ASCERTAIN THE POSITION OF ALL UNDERGROUND SERVICES PRIOR TO EXCAVATION AND SHALL BE RESPONSIBLE FOR THE COST OF REPAIRS TO DAMAGE CAUSED AS A RESULT OF THE WORKS.

INSPECTIONS

I1. INSPECTIONS SHALL BE CARRIED OUT AT EACH STAGE BY A SUITABLY QUALIFIED ENGINEER, 24 HOURS NOTICE REQUIRED.

EXCAVATIONS

E1 THE CONTRACTOR MUST ENSURE STABILITY OF ALL EXCAVATIONS AND EXISTING STRUCTURES DURING CONSTRUCTION.
E2. ALL EXCAVATIONS MUST BE BACKFILLED AND COMPACTED WITH CONTROLLED FILL TO 98% STANDARD COMPACTION.
E3. DE-WATERING MUST BE ALLOWED FOR.

EARTHWORKS

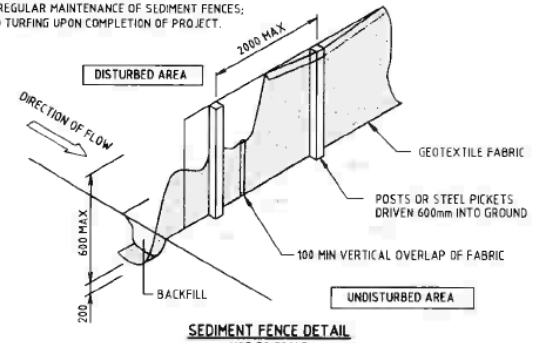
EW1. ALL EARTHWORKS TO BE CARRIED OUT IN ACCORDANCE WITH AS3798, AND TO BE SUPERVISED BY A SUITABLY QUALIFIED GEOTECHNICAL TESTING AUTHORITY TO LEVEL 1 SUPERVISION AS PER THE STANDARD AT THE CONTRACTORS COST.
EW2. STRIP THE CONSTRUCTION AREA OF ALL VEGETATION, RUBBISH, DELETERIOUS MATERIAL, TOPSOIL AND ALL UNCONTROLLED FILL MATERIAL AS NOMINATED BY THE ENGINEER. DISPOSE OF ALL SUCH MATERIAL OFF SITE IN ACCORDANCE WITH COUNCIL REQUIREMENTS. TOPSOIL AND UNCONTROLLED FILL APPROVED FOR REUSE ARE TO BE STOCKPILED ON SITE AS DIRECTED BY THE ENGINEER.
EW3 ANY UNCONTROLLED FILL IS TO BE REMOVED AND COMPACTED (IN LAYERS) TO A UNIFORM FIELD DENSITY OF 98% OF ITS MAXIMUM DRY DENSITY. THE DEGREE OF COMPACTION IS TO BE VERIFIED BY COMPACTION TESTING IN ACCORDANCE WITH AS1289.5.1.1 OR APPROVED EQUIVALENT
EW4. PRIOR TO FILL OPERATIONS AND IN THE PRESENCE OF THE ENGINEER, PROOF ROLL THE FILL AREA SUBGRADE. REMOVE SOFT AND OR COMPRESSIBLE ZONES AND REPLACE WITH SELECT MATERIAL COMPACTED TO A DENSITY CONSISTENT WITH THAT PRESCRIBED FOR THE PROPOSED FILLING ABOVE.
EW5. PLACE FILL IN LAYERS OF LOOSE THICKNESS APPROPRIATE TO THE TYPE OF COMPACTION EQUIPMENT BEING USED AND NOT GREATER THAN 250mm COMPACT EACH FILL LAYER TO THE MINIMUM DRY DENSITY SPECIFIED. THE MOISTURE CONTENT OF FILL MATERIAL SHOULD BE MAINTAINED WITHIN THE RANGE OF -1% TO +2% OF THE OPTIMUM MOISTURE CONTENT. FILLING TO BE COMPACTED TO 95% STANDARD DRY DENSITY AS PER AS1289 5.1.1 AND TRIMMED TO BE FREE DRAINING.
EW6. THE TOP 150mm OF EXISTING MATERIAL IN ANY CUT SECTION ARE TO BE COMPACTED TO ATTAIN A UNIFORM FIELD DENSITY OF 98% OF ITS MAXIMUM DRY DENSITY. THE DEGREE OF COMPACTION IS TO BE VERIFIED BY COMPACTION TESTING IN ACCORDANCE WITH AS1289.5.1.1 OR APPROVED EQUIVALENT.
EW7. EARTHWORKS PROFILES ARE TO BE TRANSITIONED UNIFORMLY BETWEEN THE EXISTING SLOPES
EW8 IF GROUND WATER IS ENCOUNTERED OR THE SITE IS KNOWN TO HAVE A HISTORY OF GROUND WATER PROBLEMS, A SUBSURFACE RUBBLE DRAIN WITH SLOTTED AGRICULTURAL PIPE WILL BE REQUIRED. THE DRAIN IS TO HAVE A MINIMUM DEPTH OF 1.20m OR TO THE MAXIMUM DEPTH OF FILL. EXTENT TO BE CONFIRMED BY SUPERINTENDENT.
EW9. ALL EARTHWORKS SHALL BE INSPECTED, TESTED AND CERTIFIED BY A SUITABLY QUALIFIED GEOTECHNICAL TESTING AUTHORITY. ALL NON CONFORMING WORK IS TO BE RECTIFIED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S COST.
EW10. STOCKPILED TOPSOIL IS TO BE SPREAD TO AN EVEN THICKNESS OVER ALL BATTERS AND SURROUNDING AREAS DISTURBED BY CONSTRUCTION ACTIVITIES. THE CONTRACTOR IS TO DISPOSE OF EXCESS TOPSOIL OFF SITE. ALL DISTURBED AREAS TO BE GRASS SEEDED.
EW11 EXCESS SPOIL MATERIAL AND WASTES GENERATED DURING CONSTRUCTION IS TO BE REMOVED FROM THE SITE BY THE CONTRACTOR IN ACCORDANCE WITH LOCAL COUNCIL REQUIREMENTS.
EW12. IMPORTED FILL MATERIAL SHALL BE LOW PLASTICITY COHESIVE CLAY BASED FILL HAVING THE FOLLOWING CHARACTERISTICS:

CBR	15% MIN
PLASTICITY INDEX	15% MAX
% PASSING 75mm SIEVE	100%
% PASSING 19mm SIEVE	80%
LIQUID LIMIT	45% MAX.
SHRINK/SWELL INDEX	1% MAX

EW13 ALL FILL MATERIAL PLACED ON THE SITE IS TO BE FREE OF CONTAMINANTS, NOXIOUS, HAZARDOUS, DELETERIOUS AND ORGANIC MATERIALS SUITABLE FILL MATERIAL IS DEEMED TO COMPLY WITH THE REQUIREMENTS OF CLAUSE 4.3, AS3798, GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS.

SEDIMENT AND EROSION CONTROL

SE1. THE CONTRACTOR IS TO ENSURE THAT APPROPRIATE MEASURES ARE TAKEN TO LIMIT THE REMOVAL OF SEDIMENT FROM THE SITE.
SE2. IMPLEMENTATION OF (BUT NOT LIMITED TO) THE FOLLOWING MEASURES MAY REDUCE EROSION AND THE REMOVAL OF SEDIMENT:
2.1 MAINTENANCE OF EXISTING VEGETATION WHERE PRACTICAL;
2.2 INSTALLATION AND REGULAR MAINTENANCE OF SHAKEDOWN AREAS;
2.3 INSTALLATION AND REGULAR MAINTENANCE OF SEDIMENT FENCES;
2.4 GRASS SEEDING AND TURFING UPON COMPLETION OF PROJECT.



SEDIMENT FENCE DETAIL
NOT TO SCALE

SITE VISITS

SV1. ATC CONSULTING ENGINEERS RECOMMEND THAT A PRE-START MEETING BE HELD ON SITE BY THE CONTRACTOR PRIOR TO ANY WORKS BEING UNDERTAKEN.
SV2. MINIMUM TESTING REQUIREMENTS SHOULD BE CONFIRMED WITH THE SUPERINTENDENT PRIOR TO COMMENCING CONSTRUCTION.
SV3. ATC CONSULTING ENGINEERS REQUIRE A MINIMUM OF 24 HOURS NOTICE PRIOR TO ANY REQUEST FOR A SITE VISIT.
SV4. CANCELLATION OF ANY SITE VISITS BY THE CONTRACTOR WITHOUT NOTIFYING ATC CONSULTING ENGINEERS WILL BE CHARGED TO THE CONTRACTOR.
SV5. IN ORDER FOR ATC CONSULTING ENGINEERS TO CERTIFY THAT THE CIVIL WORKS COMPLY WITH OUR DRAWINGS AND THE RELEVANT STANDARDS, WE WILL NEED TO WITNESS THE TESTING REQUIREMENTS NOMINATED IN THE CORRESPONDING NOTES AS WELL AS A FINAL SITE INSPECTION ONCE ALL WORK HAS BEEN COMPLETED. FAILURE TO INCLUDE ATC CONSULTING ENGINEERS AS PART OF ALL THIS PROCESS WILL AFFECT OUR ABILITY TO ISSUE COMPLIANCE DOCUMENTATION.

AS CONSTRUCTED DATA

AC1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL 'AS CONSTRUCTED' INFORMATION TO THE LOCAL AUTHORITY.
AC2. THE CONTRACTOR IS TO SUPPLY A COPY OF 'AS CONSTRUCTED' DOCUMENTS TO ATC CONSULTING ENGINEERS.



LOCATION PLAN
NTS

Philip DE GUZMAN
RPEQ 21623
Date: 05/03/2024
Status: For Construction

ISSUE	DESCRIPTION	DATE	DWN	DES	CHK	APP
E	ISSUE FOR CONSTRUCTION	05/03/2024	TR	TH	PDG	AHC
D	ISSUE FOR CONSTRUCTION	01/02/2024	TR	TH	PDG	AHC
C	ISSUE FOR TENDER - NOT FOR CONSTRUCTION	17/08/2023	TR	TH	PDG	AHC
B	PRELIMINARY - FOR APPROVAL	01/08/2023	TH	PDG	PDG	AHC
A	PRELIMINARY - FOR APPROVAL	10/07/2023	TH	PDG	PDG	AHC

NOTE: FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALED MEASUREMENTS. VERIFY ALL ON SITE DIMENSIONS & LEVELS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR TO NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES. COPYRIGHT OF THIS DRAWING IS VESTED WITH ATC ENGINEERS AND PROJECT MANAGERS PTY LTD.

CONSULTING ENGINEERS AND PROJECT MANAGERS PTY LTD

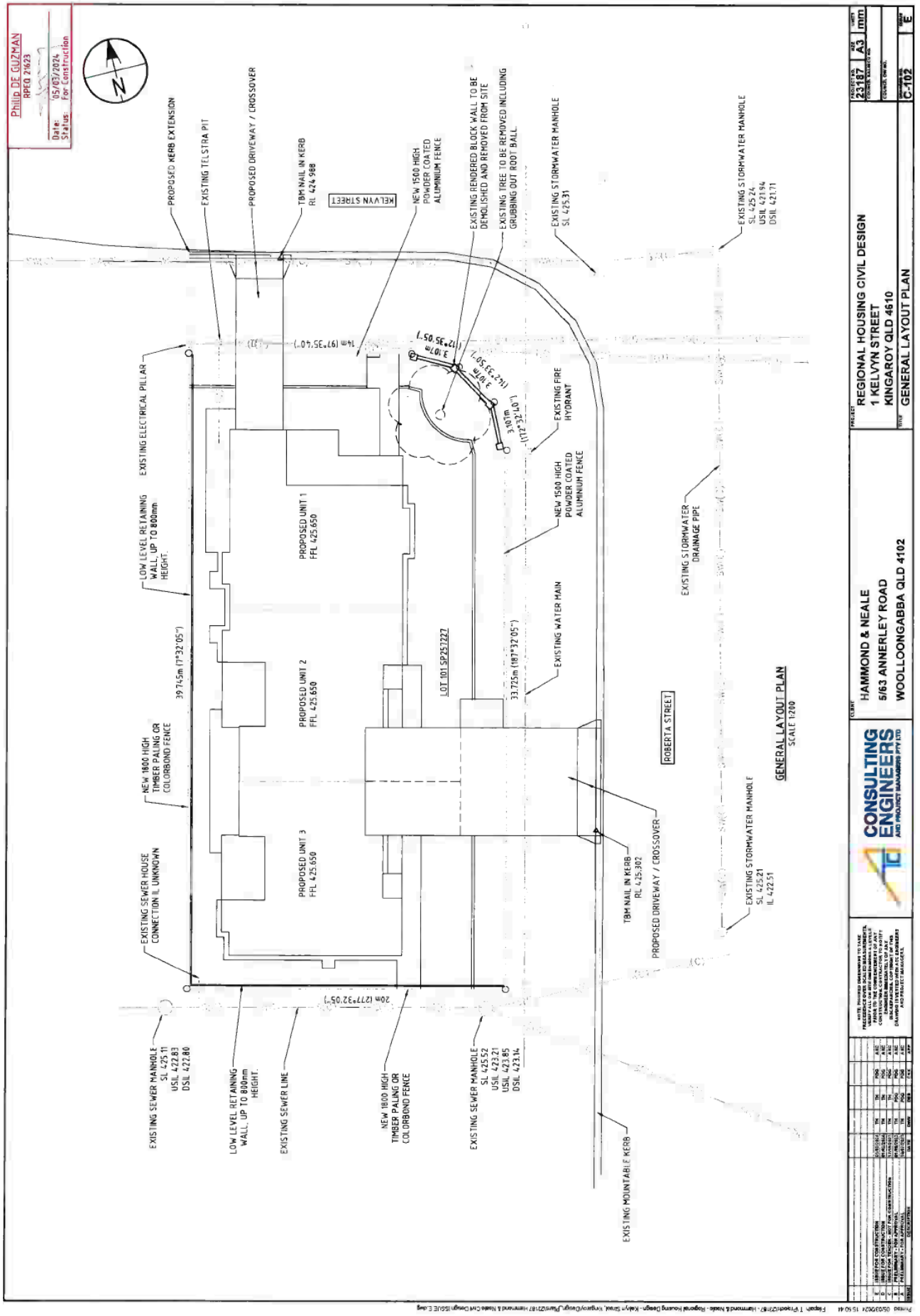
CLIENT
HAMMOND & NEALE
5/63 ANNERLEY ROAD
WOOLLOONGABBA QLD 4102

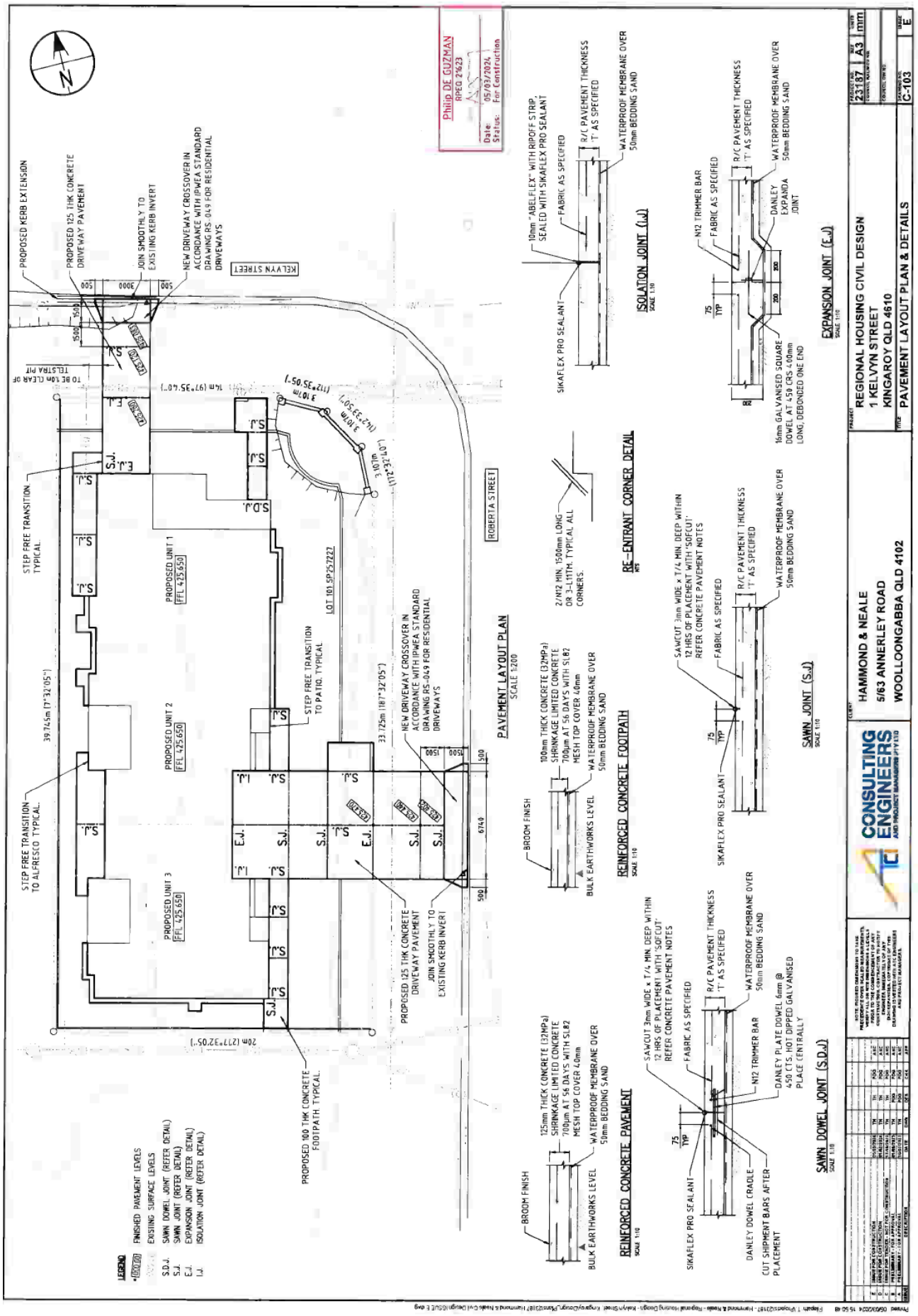
PROJECT
REGIONAL HOUSING CIVIL DESIGN
1 KELVYN STREET
KINGAROY QLD 4610

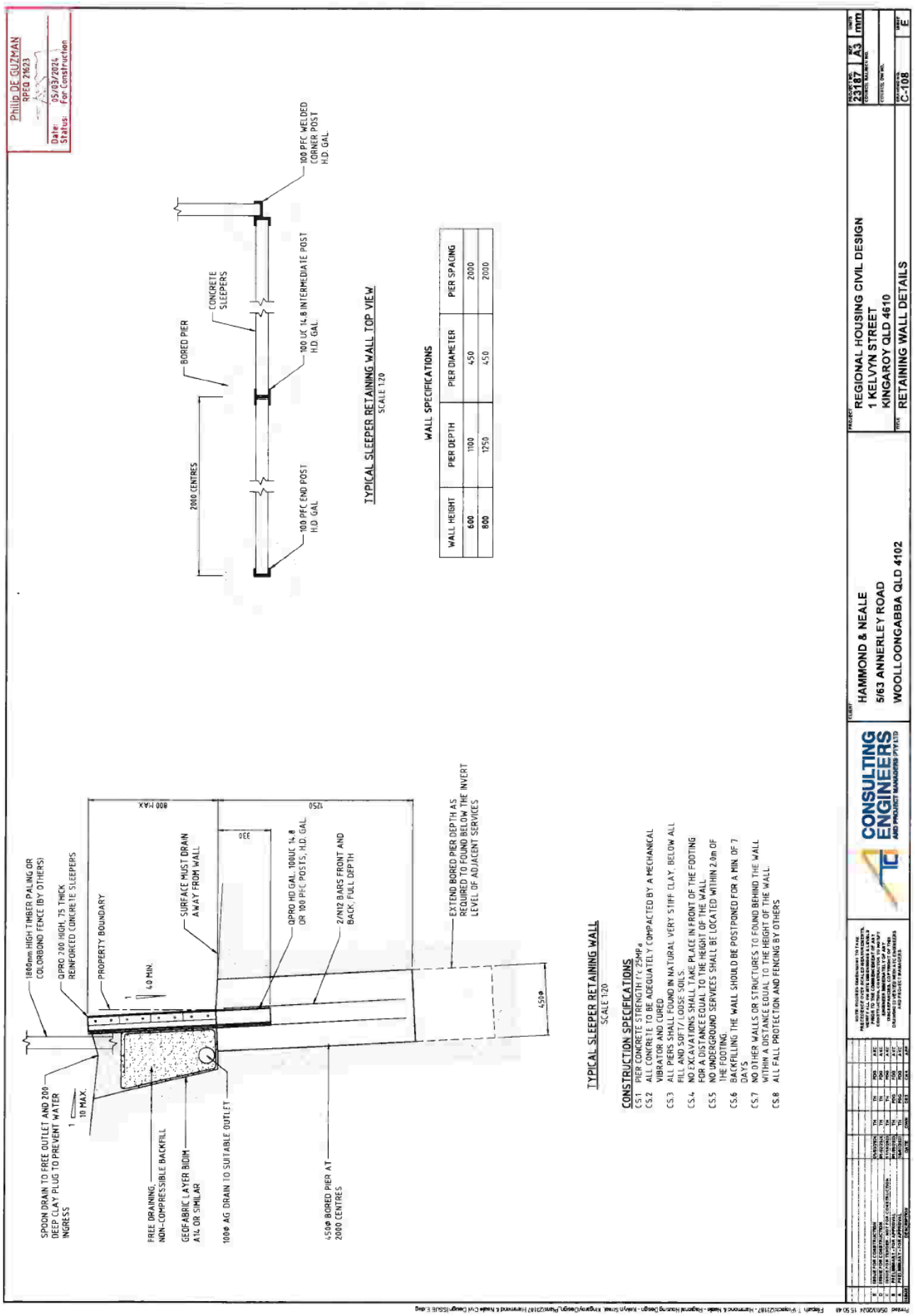
TITLE
GENERAL NOTES

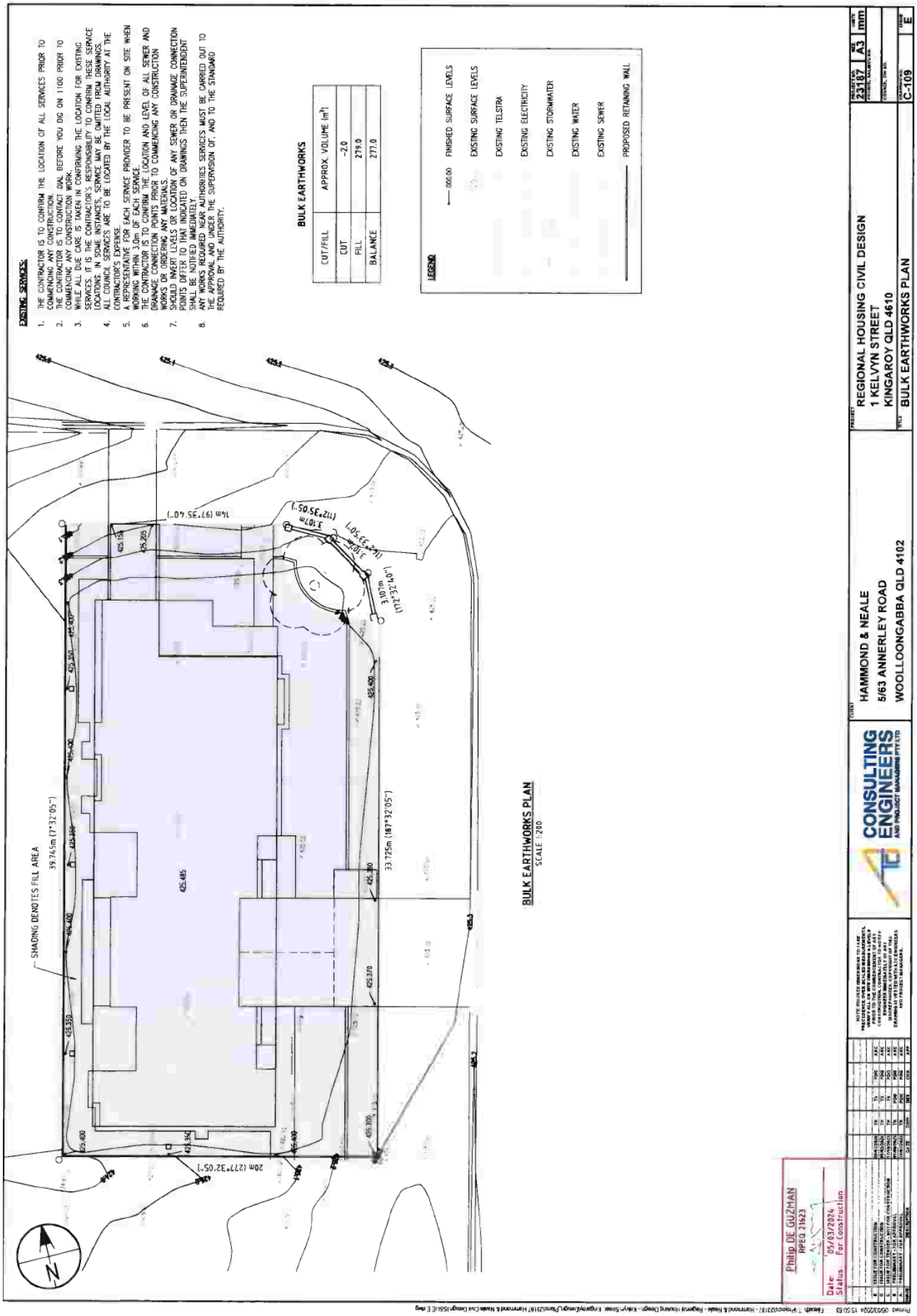
PROJECT NO.	SIZE	UNITS
23187	A3	mm
COUNCIL DWG NO.		
DRAWING NO.		ISSUE
C-101		E

Printed: 05/03/2024 15:50:44 File path: T:\Projects\23187 - Hammond & Neale - Regional Housing Design - Kelvyn Street, Kingaroy\Design_Plans\23187 Hammond & Neale Civil Design ISSUE E.dwg


Philip DE GUZMAN
RPEQ 21623
Date: 05/07/2024
Status: For Construction
PROPOSED KERB EXTENSION
EXISTING TELSTRA PIT
PROPOSED DRIVEWAY / CROSSOVER
TBM NAIL IN KERB
RL 424.988
KELVYN STREET
NEW 1500 HIGH
POWDER COATED
ALUMINIUM FENCE
EXISTING RENDERED BLOCK WALL TO BE
DEMOLISHED AND REMOVED FROM SITE
EXISTING TREE TO BE REMOVED INCLUDING
GRUBBING OUT ROOT BALL
EXISTING STORMWATER MANHOLE
SL 425.31
EXISTING STORMWATER MANHOLE
SL 425.24
USIL 421.94
DSIL 421.71
EXISTING ELECTRICAL PILLAR
LOW LEVEL RETAINING
WALL, UP TO 800mm
HEIGHT.
PROPOSED UNIT 1
FFL 425.650
EXISTING FIRE
HYDRANT
NEW 1500 HIGH
POWDER COATED
ALUMINIUM FENCE
EXISTING STORMWATER
DRAINAGE PIPE
PROPOSED UNIT 2
FFL 425.650
LOT 101 SP252227
EXISTING WATER MAIN
NEW 1800 HIGH
TIMBER PALING OR
COLORBOND FENCE
ROBERTA STREET
PROPOSED UNIT 3
FFL 425.650
EXISTING SEWER HOUSE
CONNECTION IL UNKNOWN
TBM NAIL IN KERB
RL 425.302
PROPOSED DRIVEWAY / CROSSOVER
EXISTING STORMWATER MANHOLE
SL 425.21
IL 422.51
EXISTING SEWER MANHOLE
SL 425.11
USIL 422.83
DSIL 422.80
LOW LEVEL RETAINING
WALL, UP TO 800mm
HEIGHT.
EXISTING SEWER LINE
NEW 1800 HIGH
TIMBER PALING OR
COLORBOND FENCE
EXISTING SEWER MANHOLE
SL 425.52
USIL 423.21
USIL 423.85
DSIL 423.14
EXISTING MOUNTABLE KERB
GENERAL LAYOUT PLAN
SCALE 1:200
CONSULTING ENGINEERS
AND PROJECT MANAGERS PTY LTD
CLIENT
HAMMOND & NEALE
5/63 ANNERLEY ROAD
WOOLLOONGABBA QLD 4102
PROJECT
REGIONAL HOUSING CIVIL DESIGN
1 KELVYN STREET
KINGAROY QLD 4610
TITLE
GENERAL LAYOUT PLAN
PROJECT NO.
23187
DRAWING NO.
C-102
ISSUE
E
SIZE
A3
UNITS
mm


PAVEMENT LAYOUT PLAN
SCALE 1:200
REINFORCED CONCRETE PAVEMENT
REINFORCED CONCRETE FOOTPATH
RE-ENTRANT CORNER DETAIL
SAWN DOWEL JOINT (S.D.J)
SAWN JOINT (S.J)
EXPANSION JOINT (E.J)
ISOLATION JOINT (I.J)
PROPOSED UNIT 1 FFL 425.650
PROPOSED UNIT 2 FFL 425.650
PROPOSED UNIT 3 FFL 425.650
PROPOSED KERB EXTENSION
PROPOSED 125 THK CONCRETE DRIVEWAY PAVEMENT
JOIN SMOOTHLY TO EXISTING KERB INVERT
NEW DRIVEWAY CROSSOVER IN ACCORDANCE WITH IPWEA STANDARD DRAWING RS-049 FOR RESIDENTIAL DRIVEWAYS
KELVYN STREET
ROBERTA STREET
STEP FREE TRANSITION TYPICAL
STEP FREE TRANSITION TO ALFRESCO TYPICAL
STEP FREE TRANSITION TO PATIO. TYPICAL
PROPOSED 100 THK CONCRETE FOOTPATH TYPICAL
TO BE 10m CLEAR OF TELSTRA PIT
LOT 101 SP257222
39.745m (1°32'05")
33.725m (1°32'05")
20m (2°32'05")
3.107m (1°32'05")
Philip DE GUZMAN
RPEQ 24423
Date: 05/03/2024
Status: For Construction
LEGEND
FINISHED PAVEMENT LEVELS
EXISTING SURFACE LEVELS
S.D.J. SAWN DOWEL JOINT (REFER DETAIL)
S.J. SAWN JOINT (REFER DETAIL)
E.J. EXPANSION JOINT (REFER DETAIL)
I.J. ISOLATION JOINT (REFER DETAIL)
CONSULTING ENGINEERS
HAMMOND & NEALE
5/63 ANNERLEY ROAD
WOOLLOONGABBA QLD 4102
REGIONAL HOUSING CIVIL DESIGN
1 KELVYN STREET
KINGAROY QLD 4610
PAVEMENT LAYOUT PLAN & DETAILS
C-103
E


Philip DE GUZMAN
RPEQ 24623
Date: 05/03/2024
Status: For Construction
100 PFC WELDED CORNER POST H.D. GAL
CONCRETE SLEEPERS
BORED PIER
100 UC 14.8 INTERMEDIATE POST H.D. GAL
2000 CENTRES
100 PFC END POST H.D. GAL
TYPICAL SLEEPER RETAINING WALL TOP VIEW
SCALE 1:20
WALL SPECIFICATIONS
WALL HEIGHT | PIER DEPTH | PIER DIAMETER | PIER SPACING
600 | 1100 | 450 | 2000
800 | 1250 | 450 | 2000
1800mm HIGH TIMBER PALING OR COLORBOND FENCE (BY OTHERS)
QPRO 200 HIGH, 75 THICK REINFORCED CONCRETE SLEEPERS
PROPERTY BOUNDARY
40 MIN.
SURFACE MUST DRAIN AWAY FROM WALL
QPRO HD GAL 100UC 14.8 OR 100 PFC POSTS, H.D. GAL
2/N12 BARS FRONT AND BACK, FULL DEPTH
EXTEND BORED PIER DEPTH AS REQUIRED TO FOUND BELOW THE INVERT LEVEL OF ADJACENT SERVICES
800 MAX
1250
330
450ø
SPOON DRAIN TO FREE OUTLET AND 200 DEEP CLAY PLUG TO PREVENT WATER INGRESS
10 MAX.
FREE DRAINING, NON-COMPRESSIBLE BACKFILL
GEOFABRIC LAYER BIDIM A16 OR SIMILAR
100ø AG DRAIN TO SUITABLE OUTLET
450ø BORED PIER AT 2000 CENTRES
TYPICAL SLEEPER RETAINING WALL
SCALE 1:20
CONSTRUCTION SPECIFICATIONS
CS.1 PIER CONCRETE STRENGTH f'c 25MPa
CS.2 ALL CONCRETE TO BE ADEQUATELY COMPACTED BY A MECHANICAL VIBRATOR AND CURED
CS.3 ALL PIERS SHALL FOUND IN NATURAL VERY STIFF CLAY, BELOW ALL FILL AND SOFT/LOOSE SOILS.
CS.4 NO EXCAVATIONS SHALL TAKE PLACE IN FRONT OF THE FOOTING FOR A DISTANCE EQUAL TO THE HEIGHT OF THE WALL
CS.5 NO UNDERGROUND SERVICES SHALL BE LOCATED WITHIN 2.0m OF THE FOOTING.
CS.6 BACKFILLING THE WALL SHOULD BE POSTPONED FOR A MIN. OF 7 DAYS
CS.7 NO OTHER WALLS OR STRUCTURES TO FOUND BEHIND THE WALL WITHIN A DISTANCE EQUAL TO THE HEIGHT OF THE WALL
CS.8 ALL FALL PROTECTION AND FENCING BY OTHERS
CONSULTING ENGINEERS
AND PROJECT MANAGERS PTY LTD
CLIENT
HAMMOND & NEALE
5/63 ANNERLEY ROAD
WOOLLOONGABBA QLD 4102
PROJECT
REGIONAL HOUSING CIVIL DESIGN
1 KELVYN STREET
KINGAROY QLD 4610
TITLE
RETAINING WALL DETAILS
DRAWING No.
C-108
ISSUE
E
SCALE OF
23187
A3
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EXISTING SERVICES:
1. THE CONTRACTOR IS TO CONFIRM THE LOCATION OF ALL SERVICES PRIOR TO COMMENCING ANY CONSTRUCTION.
2. THE CONTRACTOR IS TO CONTACT DIAL BEFORE YOU DIG ON 1100 PRIOR TO COMMENCING ANY CONSTRUCTION WORK.
3. WHILE ALL DUE CARE IS TAKEN IN CONFIRMING THE LOCATION FOR EXISTING SERVICES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM THESE SERVICE LOCATIONS. IN SOME INSTANCES, SERVICE MAY BE OMITTED FROM DRAWINGS.
4. ALL COUNCIL SERVICES ARE TO BE LOCATED BY THE LOCAL AUTHORITY AT THE CONTRACTOR'S EXPENSE.
5. A REPRESENTATIVE FOR EACH SERVICE PROVIDER TO BE PRESENT ON SITE WHEN WORKING WITHIN 1.0m OF EACH SERVICE.
6. THE CONTRACTOR IS TO CONFIRM THE LOCATION AND LEVEL OF ALL SEWER AND DRAINAGE CONNECTION POINTS PRIOR TO COMMENCING ANY CONSTRUCTION WORKS OR ORDERING ANY MATERIALS.
7. SHOULD INVERT LEVELS OR LOCATION OF ANY SEWER OR DRAINAGE CONNECTION POINTS DIFFER TO THAT INDICATED ON DRAWINGS THEN THE SUPERINTENDENT SHALL BE NOTIFIED IMMEDIATELY.
8. ANY WORKS REQUIRED NEAR AUTHORITIES SERVICES MUST BE CARRIED OUT TO THE APPROVAL AND UNDER THE SUPERVISION OF, AND TO THE STANDARD REQUIRED BY THE AUTHORITY.
BULK EARTHWORKS
CUT/FILL | APPROX. VOLUME (m³)
CUT | -2.0
FILL | 279.0
BALANCE | 277.0
LEGEND
000.00 FINISHED SURFACE LEVELS
EXISTING SURFACE LEVELS
EXISTING TELSTRA
EXISTING ELECTRICITY
EXISTING STORMWATER
EXISTING WATER
EXISTING SEWER
PROPOSED RETAINING WALL
SHADING DENOTES FILL AREA
BULK EARTHWORKS PLAN
SCALE 1:200
HAMMOND & NEALE
5/63 ANNERLEY ROAD
WOOLLOONGABBA QLD 4102
REGIONAL HOUSING CIVIL DESIGN
1 KELVYN STREET
KINGAROY QLD 4610
BULK EARTHWORKS PLAN
CONSULTING ENGINEERS
AND PROJECT MANAGERS PTY LTD
Philip DE GUZMAN
RPEQ 21623
Date: 05/03/2024
Status: For Construction
C-109
E

Delegate Authority Date: 4 June 2024

0.0 RECONFIGURING A LOT (BOUNDARY REALIGNMENT) AT 858 MEMERAMBI GORDONBROOK ROAD, GORDONBROOK (AND DESCRIBED AS LOT 3 ON RP205528, LOT 394 ON FY805 & LOT 396 ON FY2911). APPLICANT: SBRC C/- REEL PLANNING

	SIGNATURE	DATE
Acting MANAGER	[redacted]	4/6/24
Acting GM		4/6/24
CEO		4.6.2024

File Number: **RAL23/0002**

Author: **Acting Manager Environment & Planning**

Authoriser: **Chief Executive Officer**

PRECIS

Reconfiguring a Lot – Boundary realignment (3 Lots into 3 Lots) at 858 Memerambi Gordonbrook Road, GORDONBROOK (and described as Lot 3 on RP205528, Lot 394 on FY805 & Lot 396 on FY2911).

SUMMARY

- The application is for a Development Permit for Reconfiguring a Lot – Boundary realignment (3 Lots into 3 Lots).
- The subject site is located in the Rural Zone under the South Burnett Regional Council Planning Scheme 2017, version 1.4.
- The lots have a combined total area of 392.838 hectares, comprising:
  - Lot 3 on RP205528 – 130.08 hectares;
  - Lot 394 on FY805 – 117.966 hectares; and
  - Lot 396 on FY2911 – 144.792 hectares.
- The application is code assessable as per the Table 5.6.1 – Reconfiguring a Lot, *SBRC Planning Scheme 2017*.
- The proposed boundary realignment is being undertaken to realign the boundaries of the three lots to utilise a portion of Lot 3 on RP205528 for the future development of water storage tanks to serve as part of the drinking water supply infrastructure in the South Burnett Region.
- The development application is assessed against the relevant assessment benchmarks of the *SBRC Planning Scheme 2017*, version 1.4. Relevant assessment benchmarks include:
  - Reconfiguring a Lot Code;
  - Rural Zone Code; and
  - Services and Works Code.
- The application required referral to the former Department of State Development, Infrastructure, Local Government and Planning (DSDILGP) (via the State Assessment and Referral Agency) for reconfiguring a lot that involves clearing native vegetation and reconfiguring a lot near a State Transport Corridor.
- SARA issued an Information Request on 12 April 2023.
- SARA's referral agency response was received on 30 April 2024 with no objections and subject to conditions to be attached to any development approval and proposed plan amended in red.
- As part of the referral process to SARA, the applicant also applied for approval for a road access location, under Section 62A(2) of the *Transport Infrastructure Act 1994*.
- On 26 April 2024, the Department of Transport and Main Roads made the decision to approve a Permitted Road Access Location under section 62A(2) of *Transport Infrastructure Act 1994.*
- Council did not issue a Request for Further Information.
- The application has been assessed and the proposal generally meets the requirements of the Planning Scheme and relevant codes or has been conditioned to comply (refer to Attachment A – Statement of Reasons).
- Refer to Attachment B – Approved Plans.
- Refer to Attachment C – Referral Agency Response and Conditions.
- The application recommended for approval subject to reasonable and relevant conditions.

OFFICER'S RECOMMENDATION

That Council approve the application for a Development Permit for Reconfiguration of a Lot – Boundary Realignment (3 Lots into 3 Lots) at 858 Memerambi Gordonbrook Road, GORDONBROOK (and described as Lot 3 on RP205528, Lot 394 on FY805 and Lot 396 on FY2911) subject to conditions and recommendations contained herein.

GENERAL

GEN1. The development must be completed and maintained in accordance with the approved plans and documents and conditions to this development approval:

Drawing No.	Drawing Title	Date	Revision
5930-03	Land Resumption Layout	25/03/23	Rev A
5930-03	Land Resize Layout	Undated	Rev A

GEN2. All conditions of this approval are to be satisfied prior to Council endorsing the Survey Plan, and it is the applicant's responsibility to notify Council to inspect compliance with conditions.

A fee will be charged, with payment required prior to Council's approval of the associated documentation requiring assessment.

GEN3. Any new earthworks or structures are not to concentrate or impede the natural flow of water across property boundaries and onto any other lots.

GEN4. Prior to sealing the Plan of Survey, the applicant is required to pay the Council all rates and charges or any expenses being charged over the subject land under any Act in accordance with Schedule 18, Section 69 of the *Planning Act Regulation 2017*.

Timing – as indicated.

GEN5. Prior to the sealing of the Plan of Survey the applicant is to provide a certificate signed by a licensed surveyor stating that after the completion of all works associated with the reconfiguration, survey marks were reinstated where necessary and all survey marks are in their correct position in accordance with the Plan of Survey.

Timing – as indicated.

DEVELOPMENT PERIOD – RAL

GEN6. The currency period for this development approval for reconfiguring a lot is four (4) years after the development approval takes effect. The development approval will lapse unless the survey plan for all works and stages required to be given to Council for approval is provided within this period.

VALUATION FEES

RAL1. Payment of Department of Natural Resources, Mines and Energy valuation fees that will result from the issue of split valuations prior to Council sealing the Plan of Survey. The contribution is currently assessed at $52.00 per lot however, the actual amount payable will be based on Council's Register of Fees & Charges and the rate applicable at the time of payment.

LOCATION, PROTECTION AND REPAIR OF DAMAGE TO COUNCIL AND PUBLIC UTILITY SERVICES INFRASTRUCTURE AND ASSETS

ENG1. Complete all works approved and works required by conditions of this development approval and/or any related approvals at no cost to Council, prior to Council's endorsement of the Survey Plan unless stated otherwise.

ENG2. Be responsible for the location and protection of any Council and public utility services infrastructure and assets that may be impacted on during construction of the development.

ENG3. Be responsible for any alteration necessary to electricity, telephone, water mains, sewer mains, stormwater drainage systems or easements and/or other public utility installations resulting from the development or from road and drainage works required in connection with the development.

ENG4. Repair all damages incurred to Council and public utility services infrastructure and assets, as a result of the proposed development immediately should hazards exist for public health and safety or vehicular safety. Otherwise, repair all damages immediately upon completion of works associated with the development.

STORMWATER

ENG5. Discharge all minor storm flows that fall or pass onto the site to the lawful point of discharge in accordance with the Queensland Urban Drainage Manual (QUDM).

ENG6. Adjoining properties and roadways to the development are to be protected from ponding or nuisance from stormwater as a result of any site works undertaken as part of the proposed development.

ELECTRICITY AND TELECOMMUNICATIONS

ENG7. Connect the proposed lot to be used for the purpose of water storage tanks to electricity and telecommunication services.

Timing: Prior to the commencement of the use.

ADVICE

HERITAGE

ADV1. This development approval does not authorise any activity that may harm Aboriginal Cultural Heritage. Under the *Aboriginal Cultural Heritage Act 2003* you have a duty of care in relation to such heritage. Section 23(1) provides that "A person who carries out an activity must take all reasonable and practicable measures to ensure the activity does not harm Aboriginal Cultural Heritage." Council does not warrant that the approved development avoids affecting Aboriginal Cultural Heritage. It may therefore, be prudent for you to carry out searches, consultation, or a Cultural Heritage assessment to ascertain the presence or otherwise of Aboriginal Cultural Heritage. The Act and the associated duty of care guidelines explain your obligations in more detail and should be consulted before proceeding. A search can be arranged by visiting https://www.datsip.qld.gov.au and filling out the Aboriginal and Torres Strait Islander Cultural Heritage Search Request Form.

FILLING & EXCAVATION

ADV2. It is the developer/owner's responsibility to ensure that any subsequent earthworks required as a consequence of this approval and/or ongoing operations complies with all aspects of Council's planning scheme either directly or indirectly. All erosion and sediment control measures should be to a standard as specified by a suitably qualified professional.

APPEAL RIGHTS

ADV3. Attached for your information is a copy of Chapter 6 of the *Planning Act 2016* as regards Appeal Rights.

ADV4. Construction Noise and Dust Emissions Pursuant to the *Environmental Protection Act 1994*, all development involving the emission of noise and dust from building and/or construction activities, must ensure that the emissions are in accordance with the requirements of the Act.

ADV5. The State Assessment and Referral Agency has imposed conditions, which includes amended plans, on the development permit as per Attachment C.

FINANCIAL AND RESOURCE IMPLICATIONS

No implication can be identified.

LINK TO CORPORATE/OPERATIONAL PLAN

Growing our Region's Economy and Prosperity

- GR8 Support and advocate for appropriate growth and development with responsive planning schemes, process, customer service and other initiatives.

COMMUNICATION/CONSULTATION (INTERNAL/EXTERNAL)

Refer to CONSULTATION in this report.

LEGAL IMPLICATIONS (STATUTORY BASIS, LEGAL RISKS)

No implication identified.

POLICY/LOCAL LAW/DELEGATION IMPLICATIONS

No implication can be identified.

ASSET MANAGEMENT IMPLICATIONS

No implication can be identified.

Delegate Authority Date: 4 June 2024

REPORT

1. APPLICATION DETAILS

<table>
<tr><td>Site address</td><td colspan="3">858 Memerambi Gordonbrook Road, Gordonbrook QLD 4610</td></tr>
<tr><td>Real property description</td><td colspan="3">Lot 3 on RP205528
Lot 394 on FY805
Lot 396 on FY2911</td></tr>
<tr><td>Easements or encumbrances on title</td><td colspan="3">The following five easements are present on site.
<table>
<tr><th>Easement</th><th>Benefitting</th><th>Burdening</th><th>Purpose of Easement</th></tr>
<tr><td>BFY1492</td><td>Lot 467 on FY838992</td><td>Lot 3 on RP205528</td><td>Access</td></tr>
<tr><td>MSP215326</td><td>Lot 467 on FY838992</td><td>Lot 3 on RP205528</td><td>Water main</td></tr>
<tr><td>AFY1492</td><td>Lot 467 on FY838992</td><td>Lot 3 on RP205528</td><td>Water main</td></tr>
<tr><td>LSP215326</td><td>Lot 467 on FY838992</td><td>Lot 394 on FY805</td><td>Water main</td></tr>
<tr><td>AFY1492</td><td>Lot 467 on FY838992</td><td>Lot 396 on FY2911</td><td>Water main</td></tr>
</table></td></tr>
<tr><td>Area of Site</td><td colspan="3">Lot 3 RP205528 – 130.08 ha
Lot 394 on FY805 – 117.966 ha
Lot 396 on FY2911 – 114.792 ha
Total – 392.828 ha</td></tr>
<tr><td>Current Use</td><td colspan="3">Vacant land with patches of vegetation</td></tr>
<tr><td>Environmental Management Register or Contaminated Land Register</td><td colspan="3">The site is not included on the Environmental Management or Contaminated Land Register.</td></tr>
<tr><td>Applicant's name</td><td colspan="3">South Burnett Regional Council
C/- Reel Planning Pty Ltd</td></tr>
<tr><td>Zone</td><td colspan="3">Rural</td></tr>
<tr><td>Applicable Overlays</td><td colspan="3">Agricultural Land
Biodiversity Areas
Bushfire Hazard
Flood Hazard
Water Catchments</td></tr>
<tr><td>Proposed use as defined</td><td colspan="3">Reconfiguring a Lot – Boundary realignment (3 lots into 3 lots)</td></tr>
<tr><td>Details of proposal</td><td colspan="3">Reconfiguring a Lot (RALs)</td></tr>
<tr><td></td><td>• Number of existing lots</td><td colspan="2">3 (three)</td></tr>
<tr><td></td><td>• Easements or leases proposed</td><td colspan="2">All existing easements to remain in place</td></tr>
<tr><td></td><td>• Number of proposed lots</td><td colspan="2">3 (three)</td></tr>
<tr><td></td><td>• Lot areas</td><td colspan="2">Lot 3 RP205528 – 12.564 ha
Lot 394 on FY805 – 191.207 ha
Lot 396 on FY2911 – 183.9707 ha</td></tr>
<tr><td></td><td>• Access</td><td colspan="2">Via Memerambi Gordonbrook Road</td></tr>
<tr><td>Application type</td><td>Aspects of</td><td colspan="2">Type of Approval Requested</td></tr>
</table>

	Development		Preliminary Approval	Development Permit
	Material Change of Use (MCU)			
	Reconfiguration of a Lot (RAL)			X
	Building Work (BW)			
	Operational Work (OPW)			
Level of Assessment	Code Assessment			
Pre-lodgement / Consultation history	No pre-lodgement meeting with Council Pre-lodgement advice was received from SARA on 12 July 2022 regarding the proposed development.			
Key planning issues e.g. vegetation, waterway corridors, overland flow	Clearing of native vegetation Site access			
Referral agencies	Agency	Concurrence/ Advice		
	SARA	Concurrence		
Public notification	Not applicable			
Planning Regulation 2017	Not applicable			

2. THE SITE

This section of the report provides a description of the site, details about the existing use and notable characteristics of the site, the standard of servicing, and the form of development in the immediately locality.

2.1. SITE DESCRIPTION & EXISTING USE

The subject site is located north of Kingaroy (approximately 21 kilometres) and south of Wooroolin (approximately 18 kilometres) and contains scattered crops and native vegetation.

Vegetation on site is largely mapped as containing Category 'B' regulated vegetation (remnant) vegetation containing 'least concern' regional ecosystem. The site is identified on Council's overlay mapping as containing Class 'A' Agricultural Land, Important Agricultural Areas, as well as a waterway along the northern and western boundaries of Lot 394.

Topography of the site generally slopes upwards from the road frontage to the middle of the site and then falls gradually to the rear.

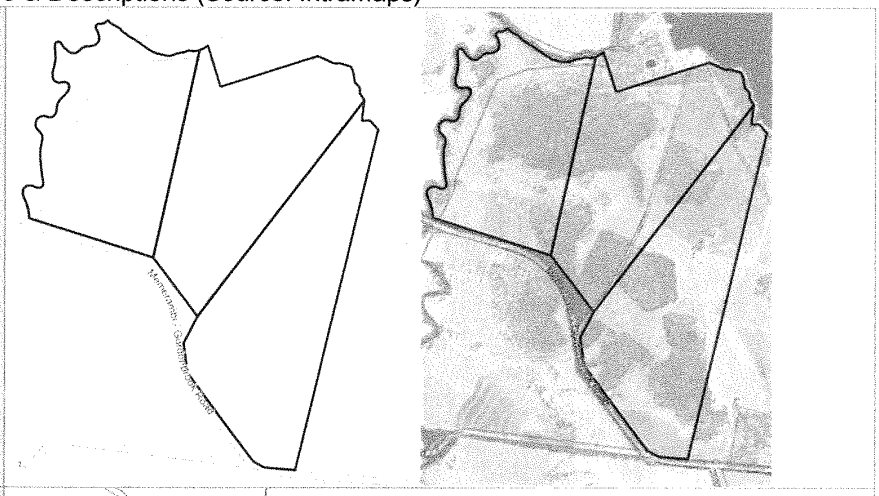
There are five easements across the site with each of these benefitting Lot 467 on FY838992 (ie. Gordonbrook Dam) and are for purposes relating to water supply infrastructure – refer to Figure 1.

Surrounding land parcels are large rural lots with Gordonbrook Dam situated north of the site.



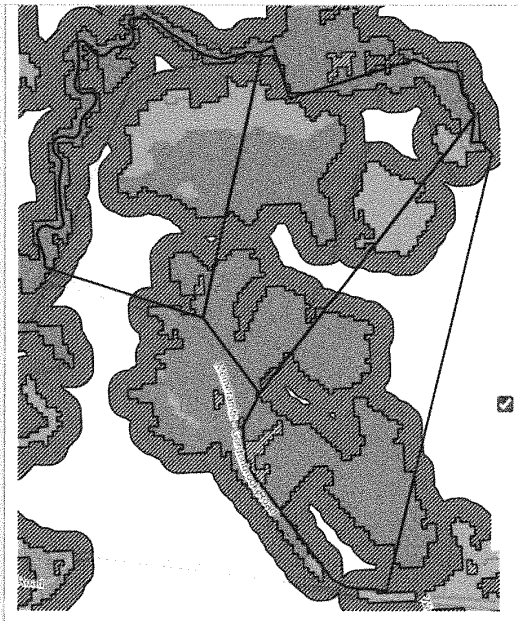
Figure 1: Easements on site

Table 1 – Maps & Descriptions (Source: Intramaps)

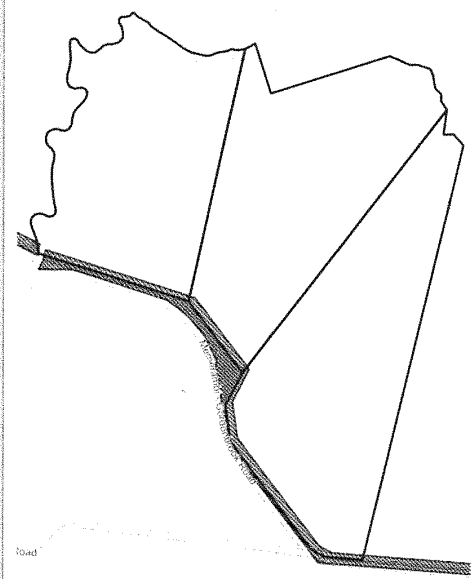
Site	
Zoning	

Delegate Authority Date: 4 June 2024

Overlays



- Bushfire Hazard Zone
  - Very High Potential Bushfire Intensity
  - High Potential Bushfire Intensity
  - Medium Potential Bushfire Intensity
  - Potential Impact Buffer

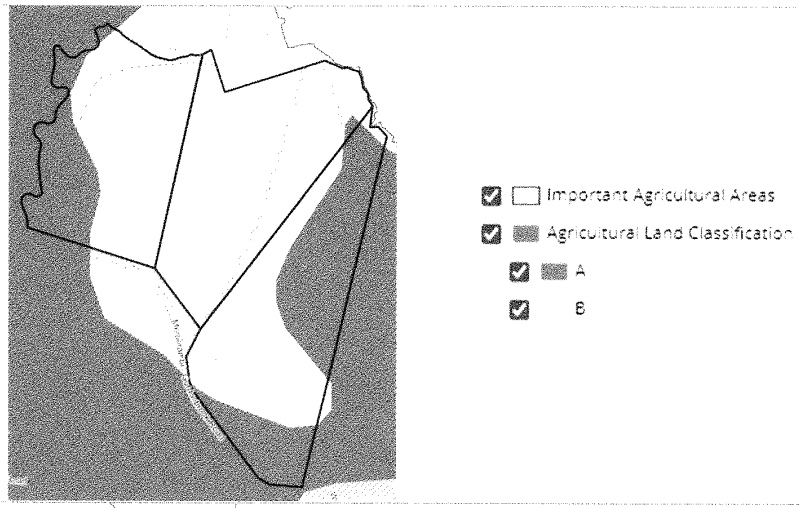


- Regional Infrastructure (Lines)
  - Transmission Lines (Ergon)
  - National Trail
  - Rail Trail
- Regional Infrastructure (Regions)
  - Regional Infrastructure (Electricity)
  - Stock Routes
  - Substations

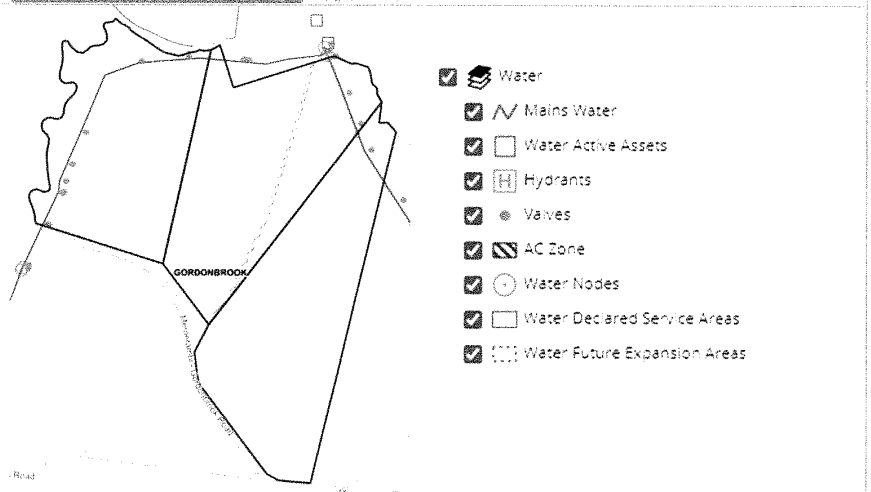


- Flood Hazard Zone
- Water Catchment
  - Water Resource Catchment Areas
  - Water Supply Buffer Area
  - Dam Buffer

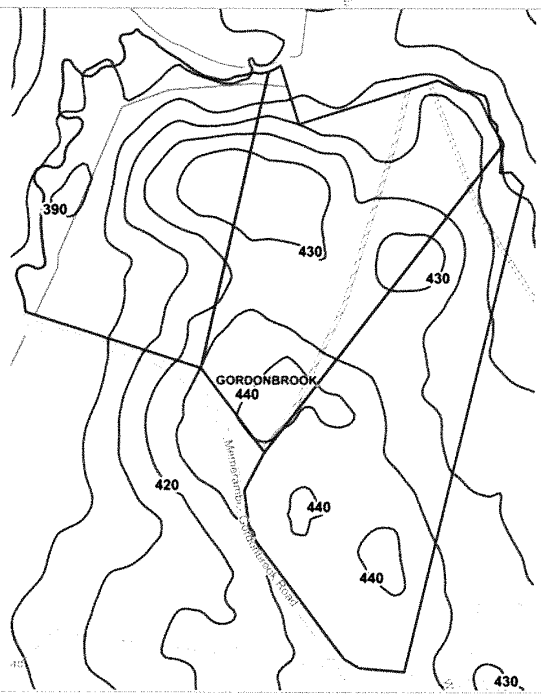
Delegate Authority Date: 4 June 2024



Services



Topography



2.2. DEVELOPMENT HISTORY OF THE SITE

There is no history of previous development approvals over the site.

3. PROPOSAL DETAILS

The proposal is for a Reconfiguring a Lot – Boundary realignment (3 lots into 3 lots). The boundary realignment is being undertaken to utilise a portion of Lot 3 on RP205528 for the future development of water storage tanks as part of the drinking water supply infrastructure for the region – refer to Figure 2.

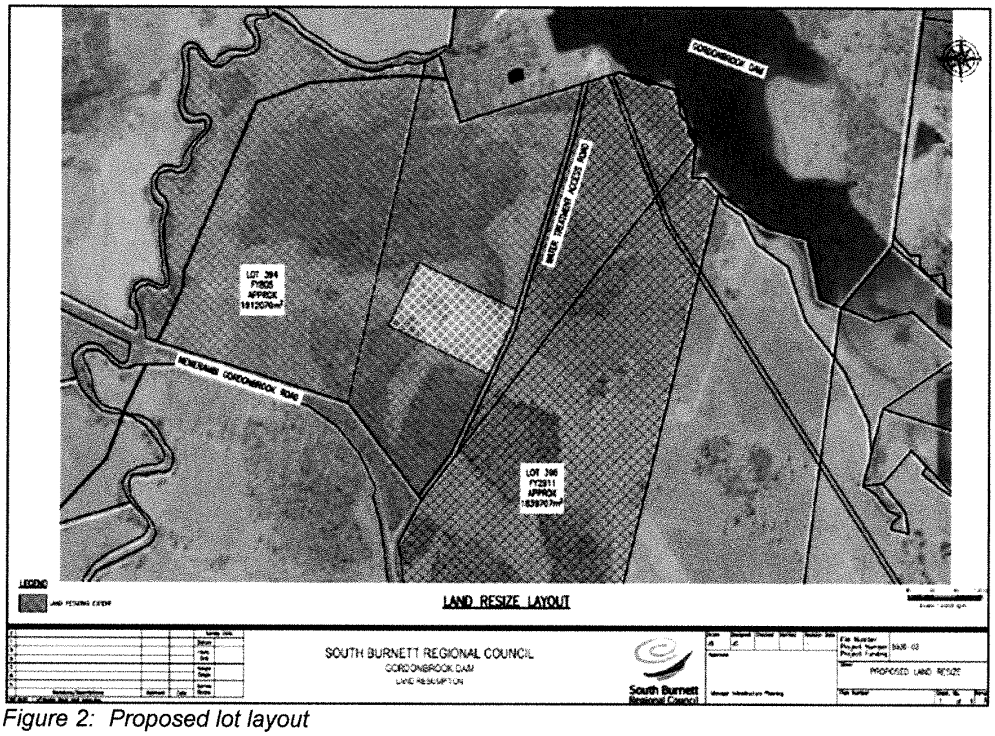


Figure 2: Proposed lot layout

Existing and proposed lot sizes are outlined below:

Lot Number	Existing Area (hectares)	Proposed Area (hectares)
Lot 394 on FY805	117.966	191.207
Lot 3 on RP205528	130.08	12.564
Lot 396 on FY2911	144.792	183.9707

Access to the site will be maintained via Memerambi Gordonbrook Road and the internal Water Treatment Access Road will continue to be used. All easements on site (as identified at section 3.0) are to remain in place.

The application was supported by ecological advice, provided by Litoria Consulting (correspondence dated 22 December 2022) regarding on site remnant vegetation and included an assessment against State Code 16 – Native Vegetation Clearing. This advice also demonstrated that there will be no net reduction in environmental values (ie. loss of remnant vegetation) compared to the existing scenario.

4. ASSESSMENT OF ASSESSMENT BENCHMARKS

Framework for Assessment
Categorising Instruments for Statutory Assessment

For the *Planning Act 2016*, the following Categorising Instruments may contain Assessment Benchmarks applicable to development applications:

- the *Planning Regulation 2017*
- the Planning Scheme for the local government area
- any Temporary Local Planning Instrument
- any Variation Approval

Of these, the planning instruments relevant to this application are discussed in this report.

Planning Act 2016, Section 26 – Assessment Benchmarks generally

(1) For section 45(3)(a) of the Act, the code assessment must be carried out against the assessment benchmarks for the development stated in schedules 9 and 10.

(2) Also, if the prescribed assessment manager is the local government, the code assessment must be carried out against the following assessment benchmarks—

(a) the assessment benchmarks stated in—

(i) the regional plan for a region, to the extent the regional plan is not identified in the planning scheme as being appropriately integrated in the planning scheme; and

(ii) the State Planning Policy, part E, to the extent part E is not identified in the planning scheme as being appropriately integrated in the planning scheme; and

(iii) a temporary State planning policy applying to the premises;

(b) if the local government is an infrastructure provider—the local government's LGIP.

(3) However, an assessment manager may, in assessing development requiring code assessment, consider an assessment benchmark only to the extent the assessment benchmark is relevant to the development.

4.1. PLANNING REGULATION 2017

The Planning Regulation 2017 forms the mechanism by which the provisions of the Act are administered. The Regulation has the ability to regulate and prohibit development and determines the assessment manager and the matters that trigger State interests.

PLANNING REGULATION 2017 DETAILS	
Assessment Benchmarks:	Schedule 12A – Walkable Neighbourhoods – applicable only to applications for reconfiguring a lot where involving the provision of new road and therefore, does not apply to this application for a boundary realignment. There are no benchmarks relevant to the assessment of this application.
WBB Regional Plan Designation:	The proposed subdivision is consistent with the Wide Bay Burnett Regional Plan 2023 'Objectives':

4.2. REFERRAL AGENCIES

To determine whether the development application requires referral to the State Assessment and Referral Agency (SARA) or 'another entity', an assessment of the proposal against Schedule 10 of the Regulation has been undertaken.

The application required referral to the former Department of State Development, Infrastructure, Local Government and Planning (DSDILGP) (via the State Assessment and Referral Agency) for the following referrals:

- Reconfiguring a Lot that involves clearing native vegetation - *Planning Act 2016,* Schedule 10, Part 3, Division 4, Table 2, Item 1; and
- Reconfiguring a Lot near a State transport corridor - *Planning Act 2016*, Schedule 10, Part 9, Division 4, Subdivision 2, Table 1, Item 1.

The application was referred to the referral agencies prescribed under Schedule 10 and assessed against the assessment benchmarks, as demonstrated in Table 2.

Note: Grey shading indicates no provisions.

Table 3 - Matters Prescribed in Schedule 10 of the Planning Regulation

Part	Matter	Applicability to this Development Application	Prohibited Development	Assessable Development	Referral Agency	Assessment Benchmarks / Matters to be assessed against
1	Airport Land	N/A		N/A	N/A	N/A
2	Brothels	N/A	N/A	N/A		N/A
3	Clearing Native Vegetation	**Regulated vegetation (Category A and B)**	N/A	N/A	**SARA**	**State Code 16: Clearing Native Vegetation**
4	Contaminated Land	N/A		N/A	N/A	N/A
5	Environmentally Relevant Activity	N/A	N/A	N/A	N/A	N/A
6	Fisheries: - Aquaculture - Declared Fish Habitat - Marine Plants - Waterway Barrier works	 N/A N/A N/A N/A		N/A	N/A	N/A
7	Hazardous Chemical Facilities	N/A		N/A	N/A	N/A
8	Heritage Place: - Local Heritage Place - Queensland Heritage Place	N/A		N/A	N/A	N/A
9	Infrastructure Related: - Designated Premises - Electricity - Oil and Gas - State Transport Corridors and Future State Transport Corridors - State-controlled transport tunnels and	 N/A N/A N/A **Within 25m of a State-controlled road** N/A			**SARA**	**State Code 1: Development in a State-controlled road environment**

Table 3 - Matters Prescribed in Schedule 10 of the Planning Regulation						
Part	Matter	Applicability to this Development Application	Prohibited Development	Assessable Development	Referral Agency	Assessment Benchmarks / Matters to be assessed against
	future state-controlled transport tunnels					
10	Koala Habitat in SEQ region	N/A	N/A			N/A
11	Noise Sensitive Place on Noise Attenuation land	N/A	N/A			
12	Operational Work for Reconfiguring a Lot	N/A		N/A		
12A	Walkable Neighbourhoods – particular reconfiguring a lot	N/A		N/A		N/A
13	Ports: - Brisbane Core Port Land - Within the port limits of the Port of Brisbane - Within the limits of another port - Strategic Port Land	N/A N/A N/A N/A		N/A	N/A	N/A
14	Reconfiguring a Lot under the Land Title Act	N/A		N/A	N/A	N/A
15	SEQ Development Area	N/A		N/A	N/A	N/A
16	SEQ Regional Landscape and Rural Production Area and Rural Living Area: - Community Activity - Indoor Recreation - Residential Development - Urban Activity	N/A	N/A	N/A	N/A	N/A
16A	Southport Spit	N/A	N/A			
17	Tidal Works or Work in a	N/A		N/A	N/A	N/A

Table 3 - Matters Prescribed in Schedule 10 of the Planning Regulation						
Part	Matter	Applicability to this Development Application	Prohibited Development	Assessable Development	Referral Agency	Assessment Benchmarks / Matters to be assessed against
	Coastal Management District					
18	Urban Design	N/A			N/A	N/A
19	Water Related Development: - Taking or interfering with water - Removing quarry material - Referral dams - Levees	 N/A N/A N/A N/A		N/A	N/A	N/A
20	Wetland Protection Area	N/A	N/A	N/A	N/A	N/A
21	Wind Farms	N/A		N/A		N/A

4.3. STATE PLANNING POLICY

The State Planning Policy (July 2017) (SPP) commenced on the 3 July 2017 and is effective at the time of writing this report. The Planning Regulation 2017 (PR 2017) states the assessment must be carried out against the assessment benchmarks stated in Part E of the State Planning Policy to the extent Part E is not appropriately integrated into the planning scheme.

In accordance with section (8)(4)(a) of the Act, the State Planning Policy applies to the extent of any inconsistency with the Planning Scheme.

State Planning Policy Part E	
Liveable communities and housing	No applicable assessment benchmarks
Economic growth • Agriculture. • Development and construction. • Mining and extractive resources. • Tourism.	Matters pertaining to the protection of agricultural land are addressed by the Agricultural Land Overlay, *South Burnett Regional Council Planning Scheme 2017*, v1.4.
Planning for the environment and heritage. • Biodiversity. • Coastal environment. • Cultural heritage. • Water quality	Matters pertaining to the protection of native vegetation are addressed by the Biodiversity Overlay, *South Burnett Regional Council Planning Scheme 2017*, v1.4. The application was referred to SARA on the basis of Reconfiguring a Lot that involves clearing native vegetation.
Safety and resilience to hazards • Emissions and hazardous activities. • Natural hazards, risk, and resilience.	Matters pertaining to bushfire risk are addressed by the Bushfire Hazard Overlay, *South Burnett Regional Council Planning Scheme 2017*, v1.4.
Infrastructure • Energy and water supply. • Infrastructure integration. • Transport infrastructure.	The application has been conditioned to provide infrastructure, where required.

• Strategic airports and aviation facilities. • Strategic ports.	

4.4. DEVELOPMENT CODE ASSESSMENTS

The application is assessable against the following assessment benchmarks of the *SBRC Planning Scheme 2017*, v1.4:

(a) Rural Zone Code;
(b) Reconfiguring a Lot Code; and
(c) Service and Works Code.

RURAL ZONE CODE (Section 6.2.13.3)		
Performance Outcomes	**Requirements for accepted development and assessment benchmarks**	**Response**
Section 1: General		
PO1 Development maintains rural amenity and character	**AO1.1** Buildings are set back 20m from any collector or higher order road and 10m from any other road frontage. AND **AO1.2** The use does not cause odour, noise or air emissions in excess of the prescribed limits in the *Environmental Protection (Air) Policy 1997* or the *Environmental Protection (Noise) Policy 1997*.	Not applicable to reconfiguring a lot (boundary realignment).
PO2 Development does not jeopardise the rural production capacity of the Zone.	Development resulting in lots less than the minimum size in Table 8.4.2 satisfying outcomes – **AO2.1** The proposal is necessary for the efficient production and processing of a crop grown in the area. OR **AO2.2** The proposal provides an alternate productive rural activity that supports regionally significant industry. OR **AO2.3** An agricultural sustainability report prepared by a suitably qualified agronomist demonstrates that – (a) The lot is suitability sized for the proposed activity, including a dwelling house including yard; and	**Performance Outcome** The proposed boundary realignment will result in Lot 3 having an area of 12.564 ha and this lot is to be used for the storage of water. The resultant size of Lot 394 and Lot 396 will exceed the minimum allowable lot area in the Rural Zone (ie. 100 ha) and will be larger in area than they are currently. These two large lots will be available for agricultural purposes and the productive capacity and utility of the rural land will not be diminished.

RURAL ZONE CODE (Section 6.2.13.3)		
Performance Outcomes	**Requirements for accepted development and assessment benchmarks**	**Response**
	(b) There is sufficient water for the proposed activity; and (c) The allotment is capable of being connected to reticulated electricity; and (d) The proposed activity is financially viable, requiring a viability assessment that includes capital costs, operational costs, sustainable yields to support a family, climate, soils and geological factors affecting crop growth, nutrients, salinity, topography, susceptibility to flooding and erosion and an assessment of market robustness (both recent and projected) and alternative practices in the event of failure. AND **AO2.4** Development is consistent with any Soil Conservation Plan that applies to the locality, as approved by the relevant State agency.	
PO3 Development does not result in any degradation of the natural environment, in terms of the geotechnical, physical, hydrological and environmental characteristics of the site and its setting.	**AO3.1** Uses and associated works are confined to existing lawfully cleared land or areas not supporting regulated vegetation. AND **AO3.2** Uses and associated works are confined to areas outside stormwater discharge points, overland flow paths, watercourses and natural drainage features. AND **AO3.3** Development, excluding forestry activities and permanent plantations, adjacent to National Parks or State Forests is set back a	Complies The location for Lot 3 is based on its proximity to the internal access track (ie. Water Treatment Access Road) and the topography of the land which will best suit its future use for the development of water storage tanks. Not applicable - the proposal is for a lot reconfiguration (boundary realignment) only. Not applicable – the site is not located adjacent to any National Parks or State Forests.

RURAL ZONE CODE (Section 6.2.13.3)		
Performance Outcomes	**Requirements for accepted development and assessment benchmarks**	**Response**
	minimum of 100m from the park boundaries in the absence of any current 'Management Plans' for these areas.	
PO4 Development is not exposed to risk from natural hazard relating to land slip.	**AO4.1** Uses and associated works are confined to slopes not exceeding: (a) 15% for residential uses; (b) 10% for treated effluent disposal areas; (c) 6% for non-residential uses.	Not applicable – the proposal is for reconfiguring a lot (boundary realignment).
PO5 Development is adequately serviced.	**AO5.1** A 45kl water tank is provided for consumption purposes. AND **AO5.2** On-site sewage treatment is provided. AND **AO5.3** Each dwelling is provided with a service line connection to the electricity supply and telecommunications networks.	Not applicable – the proposal is for reconfiguring a lot (boundary realignment).
PO6 Development is located and designed to ensure that land uses are not exposed to: (a) Areas that pose a health risk from previous activities; and (b) Unacceptable levels of contaminants.	**AO6.1** Development does not occur: (a) In areas that pose a health risk from previous activities; and (b) On sites listed on the Contaminated Land Register or Environmental Management Register. OR **AO6.2** Areas that pose a health risk from previous activities and contaminated soils which are subject to development are remediated prior to plan sealing, operational works permit, or issuing of building works permit.	Not applicable – the proposal is for reconfiguring a lot (boundary realignment).
Section 2: Where the vicinity of an existing intensive animal industry		
PO7 Non-rural development does not compromise the integrity and operations of intensive animal industries	**AO7.1** Non-rural development does not result in an increase in the number of people living or working within 1km from an	Not applicable – the site is not located within the vicinity of any existing intensive animal industries.

RURAL ZONE CODE (Section 6.2.13.3)		
Performance Outcomes	**Requirements for accepted development and assessment benchmarks**	**Response**
	existing or approved intensive animal industry facility.	
Section 3: Caretaker's accommodation – not applicable		
Section 4: Home based business – not applicable		
Section 5: Secondary dwelling – not applicable		
Section 6: For development affected by one or more overlays		
Agricultural Land Overlay		
PO15 The productive capacity and utility of agricultural land for rural activities is maintained.	**AO15.1** The proposal is not located on agricultural land identified on SPP Interactive Mapping (Plan Making). OR **AO15.2** The proposal is necessary for the efficient production and processing of a crop grown in the area. OR **AO15.3** The proposal provides an alternate productive rural activity that supports regionally significant industry. OR **AO15.4** An agricultural sustainability report prepared by a suitably qualified agronomist demonstrates that – (a) The lot is suitability sized for the proposed activity. Including a dwelling house including yard; and (b) There is sufficient water for the proposed activity; and (c) The allotment is capable of being connected to reticulated electricity; and (d) The proposed activity is financially viable, requiring a viability assessment that includes capital costs, operational costs, sustainable yields to support a family, climate, soils and geological factors affecting crop growth, nutrients, salinity, topography, susceptibility to flooding and erosion and an assessment of	**Performance Solution** The site contains areas of Class 'A' Agricultural Land and Important Agricultural Areas. Resultant lot sizes for Lot 394 and Lot 396 exceed 100 ha which is appropriate for carrying out a range of rural activities. Consequently, the productive capacity and utility of agricultural land will not be compromised.

RURAL ZONE CODE (Section 6.2.13.3)		
Performance Outcomes	**Requirements for accepted development and assessment benchmarks**	**Response**
	market robustness (both recent and projected) and alternative practices in the event of failure. AND **AO15.5** Development is consistent with any Soil Conservation Plan that applies to the locality, as approved by the relevant State agency.	
Airport Environs Overlay – not applicable		
Biodiversity Overlay		
PO18 Areas of environmental significance, including biodiversity values, are identified, protected and enhanced.	**AO18.1** Uses and associated works are confined to areas not identified on Overlay Map 05. OR **AO18.2** Development is compatible with the environmental values of the area. OR **AO18.3** Where development within an area identified on Overlay Map 05 is unavoidable, measures recommended by a suitably qualified ecologist are incorporated to protect and retain the environmental values and underlying ecosystem processes within or adjacent to the development site to the greatest extent practical.	Not applicable - the proposed boundary realignment will not interfere with any areas of identified environmental significance as indicated on Overlay Map 05.
PO19 Biodiversity values of identified areas of environmental significance are protected from the impacts of development	**AO19.1** Development adjacent to Protected Areas identified on Overlay Map 05 is set back a minimum of 100m from the park boundaries in the absence of any current 'Management Plans' for these areas.	Not applicable – site is not located adjacent to any Protected Areas.
PO20 There are no significant adverse effects on water quality, ecological and biodiversity values.	**AO20.1** Uses and associated works are confined to areas outside overland flow paths and natural drainage features. AND	Complies The proposed boundary realignment does not impact upon the mapped waterway on site which runs along the northern and western boundaries of Lot 394.

RURAL ZONE CODE (Section 6.2.13.3)		
Performance Outcomes	**Requirements for accepted development and assessment benchmarks**	**Response**
	AO20.2 All buildings, on-site effluent disposal, external activities or storage areas are located 100m from the top of the bank of a river, creek, stream or wetland identified on Overlay Map 05. *Note: This setback does not apply to equipment such as pumps that are necessary to access water or waterway crossings.* AND **AO20.3** The Waterway Corridors identified on Overlay Map 05 are maintained in a natural state.	
Bushfire Hazard Overlay		
PO21 Development is not placed at unacceptable risk from bushfire, does not increase the extent or severity of bushfire and maintains the safety of people and property from bushfire	**AO21.1** Development does not occur in areas mapped as Very High or High Potential Bushfire Intensity Areas on the SPP Interactive Mapping (Plan Making). OR **AO21.2** A written assessment by a suitably experienced or qualified person confirms that the site is of Low Potential Bushfire Hazard. OR **AO21.3** For areas mapped as Medium Potential Bushfire Intensity Areas on the SPP Interactive Mapping (Plan Making), bushfire risk is mitigated through a Bushfire Management Plan incorporating: (a) Lot design and the siting of buildings and uses so: (i) high intensity uses are located on the least bushfire prone area on the site and activities least susceptible to fire are sited closest to the bushfire hazard; and	Not applicable – the site is mapped as being subject to medium and high bushfire intensity and the associated potential impact buffer. The proposed boundary realignment) does not include any development of infrastructure or buildings on site.

RURAL ZONE CODE (Section 6.2.13.3)		
Performance Outcomes	**Requirements for accepted development and assessment benchmarks**	**Response**
	(ii) efficient emergency access is optimised; and (iii) bushfire risk is effectively minimised having regard to aspect, elevation, slope and vegetation. (b) Including firebreaks that provide adequate: (i) setbacks between buildings/structures and hazardous vegetation; and (ii) access for fire fighting or other emergency vehicles; and (c) Road access for fire-fighting appliances and firebreaks are provided through a perimeter road that separates the use from areas of bushfire hazard and that road has a minimum cleared width of 20 metres; and (d) Where a reticulated water supply is not available and development involves buildings with a gross floor area greater than 50m^2, one tank within 100m of each residential building that has: (i) fire brigade tank fittings; and (ii) 25,000 litres dedicated for fire fighting purposes.	
PO22 Community infrastructure in any area mapped as Very High to Medium (Potential Intensity) Areas are able to function effectively during and immediately after bushfire events.	**AO22.1** No outcome specified.	Not applicable to reconfiguring a lot.
PO23 Public safety and the environment are not adversely affected by the detrimental impacts of bushfire on hazardous	**AO23.1** No hazardous materials, manufactured or stored in bulk, are on land mapped as Very High to Medium (Potential Intensity) Areas.	Not applicable to reconfiguring a lot.

RURAL ZONE CODE (Section 6.2.13.3)		
Performance Outcomes	**Requirements for accepted development and assessment benchmarks**	**Response**
materials manufactured or stored in bulk.		
PO24 Major risks to the safety or property and to the wellbeing of occupants in areas mapped as Very High to Medium (Potential Intensity) Areas is minimised through appropriate siting, servicing and managing of residential premises.	**AO24.1** New dwellings on land mapped as Very High to Medium (Potential Intensity) Areas are located: (a) Centrally within existing cleared areas on a lot which allows a regular shaped area (with a minimum dimension of 50m) of 5,000m^2 to be identified that: (i) is free of highly combustible vegetated areas; and (ii) is on southerly to easterly facing slopes not exceeding 15% gradient; or (iii) on flat lands at the base of north to western facing slopes not exceeding 15% gradient. (b) A fire protection buffer is established around the complete perimeter of the dwelling unit within a lot for a minimum width of 50m.	Not applicable to reconfiguring a lot.
Extractive Industry Overlay – not applicable		
Flood Hazard Overlay		
PO28 Development is not exposed to risk from flood events by responding to flood potential and maintains personal safety at all times.	**AO28.1** All new allotments include an area of sufficient size to accommodate the intended land use outside the area identified on Overlay Map 03. AND **AO28.2** New buildings are not located within the area identified on Overlay Map 03; OR **AO28.3** Development is sited above the 1%AEP flood event where known, or the highest known flood event, as follows: (a) Habitable floor levels -	Complies Lot 3 will be smaller size and its future use is to accommodate water infrastructure. The boundaries of Lot 3 are outside mapped areas of flood hazard. Not applicable to boundary realignment. Not applicable to boundary realignment.

RURAL ZONE CODE (Section 6.2.13.3)		
Performance Outcomes	**Requirements for accepted development and assessment benchmarks**	**Response**
	500mm; (b) Non-habitable floor levels - 300mm; (c) On-site sewage treatment and storage areas for potential contaminants - 300mm; (d) All other development - 0mm. AND **AO28.4** Building work below the nominated flood level allows for the flow through of flood water at ground level: (a) The structure below flood level is unenclosed; or (b) Any enclosure below flood level aligns with the direction of water flow; or (c) Any enclosure not aligning with the direction of water flow must have openings that are at least 50% of the enclosed area with a minimum opening of 75mm. AND **AO28.5** Resilient building materials are used below the nominated flood level in accordance with the relevant building assessment provisions. AND **AO28.6** Signage is provided on site indicating the position and path of all safe evacuation routes off the site	Not applicable to boundary realignment. Not applicable to boundary realignment. Not applicable to boundary realignment.
PO29 Development directly, indirectly and cumulatively avoids any significant increase in water flow, velocity or flood level, and does not increase the potential for flood damage either on site or other properties.	**AO29.1** Works associated with the proposed development do not: (a) involve a net increase in filling greater than $50m^3$; or (b) result in any reductions of onsite flood storage capacity and contain within the site any changes to depth/duration / velocity of flood waters; or (c) change flood characteristics outside the	Not applicable – the proposed boundary realignment does not require any on site filling or changes to water flows.

RURAL ZONE CODE (Section 6.2.13.3)		
Performance Outcomes	**Requirements for accepted development and assessment benchmarks**	**Response**
	site in ways that result in: (i) loss of flood storage; (ii) loss of/changes to flow paths; (iii) acceleration or retardation of flows; or (iv) any reduction in flood warning times.	
PO30 Development avoids the release of hazardous materials into floodwaters.	**AO30.1** Materials manufactured or stored on site are not hazardous in nature. OR **AO30.2** Hazardous materials and any associated manufacturing equipment are located above the nominated flood level.	Not applicable to boundary realignment.
Historic Subdivisions Overlay – not applicable		
Landslide Hazard Overlay – not applicable		
Regional Infrastructure Overlay – not applicable		
Water Catchments Overlay		
PO39 There are no significant adverse effects on the water quality of drinking water supply.	**AO39.1** Development within the Bjelke-Petersen Dam Water Resource Catchment Area and the 800m buffer to Boondooma and Gordonbrook Dams shown on Overlay Map 06 has no significant adverse effect on the quantity and availability of raw water for consumption, as determined by a suitably qualified water quality expert. OR **AO39.2** Development within the Cooyar Creek water supply buffer area shown on Overlay Map 06 complies with the specific outcomes and measures of the *Seqwater Development Guidelines: Development Guidelines for Water Quality Management in Drinking Water Catchments 2012.*	Complies The Gordonbrook Dam is located north of the site and the proposal is being undertaken in order to utilise a portion of Lot 3 on RP205528 for the future development of water storage tanks as part of the drinking water supply infrastructure for the region. The boundary realignment will not result in adverse impacts to Gordonbrook Dam. Not applicable – site is not within the Cooyar Creek water supply buffer area.

RECONFIGURING A LOT CODE (Section 8.4.1.3)		
Performance Outcomes	**Assessment Benchmarks**	**Response**
Section 1: Boundary Realignment		
PO1 The boundary realignment: (a) results in lots that are consistent with the established subdivision pattern of the local area; (b) maintains or improves the utility of the lots; (c) does not create a situation where the use or buildings on the resulting lots become unlawful.	**AO1.1** Development provides that allotment area, dimension and shape are in accordance with the standards in Table 8.4.2, except where the reconfiguration is boundary realignment and the outcome is preferable to the current allotment configuration. AND	**Performance Solution** Lot 3 will be 12.564 hectares in size and below the 100 hectares minimum lot size. This lot is to be used for a specific purpose for the future water storage tanks. Lots 394 and 396 will each exceed 100 hectares which is appropriate for carrying out a range of rural activities. Consequently, the productive capacity and utility of agricultural land will not be compromised.
	AO1.2 The utility of the lots is maintained or improved where: (a) a frontage to depth ratio exceeds that of the existing allotments; (b) access is provided to an allotment that previously had no access or an unsuitable access; (c) an existing boundary encroachment by a building or areas is corrected. AND	Complies The utility of lots 394 and 396 will be maintained and somewhat improved upon as these two lots will be larger in area.
	AO1.3 The realignment does not result in a building contravening the setback, standards required by this Planning Scheme or relevant building regulations. AND	Not applicable - the proposed boundary realignment relates to rural land which does not currently contain any buildings.
	AO1.4 The realignment results in a larger lot that is a more viable farming unit.	Complies Lots 394 and 396 will take land from lot 3, thus resulting in larger consolidated areas for rural / agricultural purposes.
PO2 The boundary realignment facilitates the creation or consolidation of a viable farming unit.	**AO2.1** Where covered by the Overlay Map 08: (a) new lot boundaries enhance viable farming units; and (b) the boundaries ensure that a new dwelling is not	Complies The site contains Class 'A' agricultural land and is identified as being an important agricultural area. New lot boundaries will enhance the viability of farming

RECONFIGURING A LOT CODE (Section 8.4.1.3)		
Performance Outcomes	**Assessment Benchmarks**	**Response**
	on agricultural land; and (c) the reconfiguration satisfies the acceptable outcomes in section 6 of the Rural Zone code.	units as lots 394 and 396 will be larger in size. Further, the proposal satisfies the acceptable outcomes in section 6 of the Rural Zone Code as the productive capacity and utility of agricultural land will not be compromised.
Section 2: Reconfiguration under a Community Title Scheme – not applicable		
Section 3: All Other Reconfiguration		
PO7 Allotments are of sufficient size and dimensions to meet the requirements of the users and provide for servicing of the intended use.	**AO7.1** Development provides that allotment area, dimension and shape are in accordance with the standards in Table 8.4.2. AND **AO7.2** The minimum allotment size for any rear allotment shall be calculated exclusive of the area of the access corridor of the allotment. AND **AO7.3** Irregularly shaped allotments are designed to allow a building area of 15m by 10m to be setback 6m from the site frontage.	**Performance Solution** Lot 3 will be 12.564 hectares in size and below the 100-hectare minimum lot size. This lot is to be used for a specific purpose for the future water storage tanks. Lots 394 and 396 will each exceed 100 hectares which is appropriate for carrying out a range of rural activities. Not applicable - no rear lots. Complies Each of the lots includes sufficient areas to facilitate any potential future development.
PO8 Lots have lawful, safe and practical access.	**AO8.1** Access is provided via either: (a) Direct road frontage; (b) Access strip with a minimum width of 3.5m (for rear lots only); or (c) Access easement with a minimum width of 6m (where lots only have legal road frontage that does not provide, safe or practical access to the existing street network). AND **AO8.2** Newly created lots do not have direct access to sub-arterial or higher order roads.	Complies / Conditioned Existing access from Memerambi Gordonbrook Road is to be maintained. Not applicable – the proposal does not result in the creation of new lots.

RECONFIGURING A LOT CODE (Section 8.4.1.3)		
Performance Outcomes	**Assessment Benchmarks**	**Response**
	AND **AO8.3** Except in the Rural Zone, new lots, are provided with access to a sealed road.	
PO9 The number of rear lots is minimised having regard to the outlook, topography of the site, intended land use and general amenity of the area.	**AO9.1** Only one rear lot is provided behind each full street frontage regular lot. AND **AO9.2** No more than two rear lot access strips directly adjoin each other. AND **AO9.3** No more than two rear lots gain access from the head of a cul-de-sac. AND **AO9.4** Rear lots are only created where the site gradient is greater than 5%.	Not applicable – no rear lots.
PO10 The design and construction of new roads: (a) Maintain safe and efficient access to the transport network; (b) Creates integrated neighbourhoods; and (c) Are constructed to a standard that is commensurate with the intended use of allotments.	**AO10.1** Intersection shall be spaced at no less than 45m from any other intersection. AND **AO10.2** Any intersections with existing roads shall be treated with a T-intersection or a roundabout. AND **AO10.3** The road layout indicates connections to adjoining development sites. AND **AO10.4** Other than in the Rural or Rural Residential Zones, new streets are provided with layback kerb and channel. OR **AO10.5** In the Rural Residential Zone, new streets are provided with concrete flush kerbs and swale drains.	Not applicable – no new road involved.
PO11 The provision of services is resistant to inclement weather and does not	**AO11.1** Where the reconfiguration involves the opening of a new road, all electricity and	Not applicable – no new road involved.

RECONFIGURING A LOT CODE (Section 8.4.1.3)		
Performance Outcomes	**Assessment Benchmarks**	**Response**
degrade the character of the area.	telecommunications services are located underground.	
PO12 Reconfiguration facilitates integration of walking and cycling networks that provide a safe and convenient environment for users having regard to appropriate gradients and distances to be travelled.	No outcome specified.	Not applicable for the existing and future use of the lots which are zoned Rural.
PO13 Public open space is provided in response to community need.	**AO13.1** Public open space is provided in accordance with the Priority Infrastructure Plan.	Not applicable for the existing and future use of the lots which are zoned Rural.
PO14 Reconfiguration into allotments less than 400m^2 in the Medium Density Residential zone is facilitated where design outcomes are consistent with expectations for the zone.	**AO14.1** Reconfiguration in the Medium Density Residential zone involving allotments less than 400m^2 where creating allotments for individual units in an approved and completed multiple dwelling or dual occupancy.	Not applicable – the site is zoned Rural.
PO15 Reconfiguration into allotments less than 400m^2 in the Medium Density Residential zone is to provide for suitable living environments.	For allotments less than 400m^2 – **AO15.1** All lots are orientated to within 200 of north. **AO15.2** All lots are to be sized and shaped to accommodate a 10m x 20m rectangle.	Not applicable – the site is zoned Rural.
Section 4: All reconfiguring a lot subject to an overlay		
Agricultural Land Overlay		
PO16 The productive capacity and utility of agricultural land for rural activities is maintained.	**AO16.1** In the Rural zone only, no additional allotments are created in the area identified as agricultural land on SPP Interactive Mapping (Plan Making); OR **AO16.2** In the Rural zone only, a Farm management plan prepared by a suitably qualified agronomist demonstrates that the existing productivity of the land area is not reduced.	Complies Proposal is for a boundary realignment and does not result in any additional lots. Complies Lots 394 and 396 will be over 100 hectares in area which is suitable to maintain the productive capacity and utility of the land for agricultural / rural purposes.
Airport Environs Overlay – not applicable		
Biodiversity Overlay		

RECONFIGURING A LOT CODE (Section 8.4.1.3)		
Performance Outcomes	**Assessment Benchmarks**	**Response**
PO18 Development avoids, minimises or mitigates adverse impacts on environmentally significant areas and values.	**AO18.1** Development is confined to areas not mapped as high or general ecological significance on Overlay Map 05. OR **AO18.2** Proposed boundaries do not create additional barriers to species movement. AND **AO18.3** Proposed allotments do not create circumstances where additional accepted development clearing of protected vegetation may occur.	Complies Areas of ecological significance on Overlay Map 05 relate to a waterway which is located along the northern and western boundaries of Lot 394. The proposal will not impact the waterway. Ecological advice provided by Litoria Consulting demonstrated that there will be no net reduction in environmental values (ie. loss of remnant vegetation) compared to the existing scenario.
Bushfire Hazard Overlay		
PO19 Development is not placed at unacceptable risk from bushfire, does not increase the extent or severity of bushfire and maintains the safety of people and property from bushfire.	**AO19.1** Development does not occur in areas mapped as Very High, High or Medium Potential Bushfire Intensity Areas on the SPP Interactive Mapping (Plan Making). OR **AO19.2** A written assessment by a suitably experienced or qualified person confirms that the site is of Low Potential Bushfire Hazard. OR **AO19.3** Bushfire risk is mitigated through a Bushfire Management Plan incorporating: (a) Lot design that: (i) Locates high intensity uses on the least bushfire prone area on the site and activities least susceptible to fire closest to the bushfire hazard; and (ii) Optimises efficient emergency access; and (iii) Considers the bushfire risk associated with	Not applicable – the site is mapped as being subject to medium and high bushfire intensity and the associated potential impact buffer. The proposed boundary realignment) does not include any development on site for any infrastructure or buildings.

RECONFIGURING A LOT CODE (Section 8.4.1.3)		
Performance Outcomes	**Assessment Benchmarks**	**Response**
	aspect, elevation, slope and vegetation. (b) Firebreaks to protected vegetation included in the subdivision layout providing access for fire fighting or other emergency vehicles AND **AO19.4** Road layouts facilitate easy and safer access and movement by emergency vehicles in the event of encroaching fire and provides that an alternative safe access (if one direction is blocked in the event of fire) is maintained at all times.	
Flood Hazard Overlay – not applicable		
Regional Infrastructure Overlay – not applicable		
Waterways, Wetlands and Catchments Overlay – not applicable		
PO23 There are no significant adverse effects on water quality, including drinking water, ecological and biodiversity values.	**AO23.1** Development and associated works are confined to areas outside overland flow paths and natural drainage features. AND **AO23.2** New allotments in the waterway and wetland buffer areas identified on Overlay Map 06 include a building envelope of sufficient size to accommodate the intended land use outside the buffer area. AND **AO23.3** Development within the Bjelke-Petersen Dam Water Resource Catchment Area and the 800m buffer to Boondooma and Gordonbrook Dams shown on Overlay Map 06 has no significant adverse effect on the quantity and availability of raw water for consumption, as determined by a suitably qualified water quality expert. OR	Complies Proposed boundary realignment will not impact upon overland flow paths or natural drainage features. Not applicable – no new lots created. Complies The Gordonbrook Dam is located north of the site and the proposal is being undertaken in order to utilise a portion of Lot 3 on RP205528 for the future development of water storage tanks as part of the drinking water supply infrastructure for the region. The boundary realignment will not result in adverse impacts to Gordonbrook Dam.

RECONFIGURING A LOT CODE (Section 8.4.1.3)		
Performance Outcomes	**Assessment Benchmarks**	**Response**
	AO23.4 Development within the Cooyar Creek water supply buffer area shown on Overlay Map 06 complies with the specific outcomes and measures of the *Seqwater Development Guidelines: Development Guidelines for Water Quality Management in Drinking Water Catchments 2012.*	Not applicable – site is not within the Cooyar Creek water supply buffer area.

SERVICES AND WORKS CODE (Section 8.4.2.3)		
Performance Outcomes	**Assessment Benchmarks**	**Response**
Section 1: General		
PO1 The development is planned and designed considering the land use constraints of the site for achieving stormwater design objectives.	**AO1.1** A stormwater quality management plan provides for achievable stormwater quality treatment measures that meet the design objectives identified in Table 9.4.4.	Not applicable – proposal involves boundary realignment only.
PO2 Development does not discharge wastewater to a waterway or off-site unless demonstrated to be best practice environmental management for that site.	**AO2.1** A wastewater management plan prepared by a suitably qualified person and addresses: (a) wastewater type; (b) climatic conditions; (c) water quality objectives; (d) best-practice environmental management; AND **AO2.2** Wastewater is managed in accordance with a waste management hierarchy that: (a) avoids wastewater (b) discharge to waterways; or (c) minimises wastewater discharge to waterways by re-use, recycling, recovery and treatment for disposal to sewer, surface water and groundwater.	Not applicable – proposal involves boundary realignment only.
PO3 Construction activities avoid or minimise adverse impacts on stormwater quality.	**AO3.1** An erosion and sediment control plan addresses the design objectives for the construction phase in Table 9.4.4.	Not applicable – proposal involves boundary realignment only.

SERVICES AND WORKS CODE (Section 8.4.2.3)		
Performance Outcomes	**Assessment Benchmarks**	**Response**
PO4 Operational activities avoid or minimise changes to waterway hydrology from adverse impacts of altered stormwater quality and flow	**AO4.1** Development incorporates stormwater flow control measures to achieve the design objectives for the post-construction phase in Table 9.4.4.	Not applicable – proposal involves boundary realignment only.
Section 2: Infrastructure		
PO5 Development is provided with infrastructure which: (a) conforms with industry standards for quality; (b) is reliable and service failures are minimised; and is functional and readily augmented.	**AO5.1** Except in the Rural zone, all development occurs on a site with frontage to a sealed road. AND **AO5.2** Infrastructure is designed and constructed in accordance with the standards contained in PSP1 – Design and Construction Standards.	Complies / Conditioned Existing vehicular access from Memerambi Gordonbrook Road is to be retained, as well as the internal Water Treatment Access Road.
Section 3: Vehicle Parking		
PO6 Vehicle parking and access is provided to meet the needs of occupants, employees, visitors and other users.	**AO6.1** Vehicle parking spaces are provided on-site in accordance with Table 9.4.5. AND **AO6.2** A service bay is provided on-site for the service vehicle nominated in Table 9.4.5. AND **AO6.3** Driveway crossings are provided to the standard contained in PSP1 – Design and Construction Standards. AND **AO6.4** Vehicle parking and manoeuvring areas are provided in accordance with the standards contained in PSP1 – Design and Construction Standards.	Not applicable – car parking not required.
Section 4: Landscaping		
PO7 Landscaping is appropriate to the setting and enhances local character and amenity.	**AO7.1** Landscaping is provided in accordance with the relevant zone code provisions. AND **AO7.2** Where shade tree planting is required in vehicle parking areas each planting bed has a minimum area of $2m^2$ and is unsealed and permeable.	Not applicable to reconfiguring a lot.

SERVICES AND WORKS CODE (Section 8.4.2.3)		
Performance Outcomes	**Assessment Benchmarks**	**Response**
	AND **AO7.3** Plantings along frontages or boundaries are in the form of defined gardens with three tier planting comprised of groundcovers, shrubs (understorey), and trees (canopy) and provided with a drip irrigation system, mulching and border barriers.	
PO8 Plant species avoid adverse impacts on the natural and built environment, infrastructure and the safety of road networks	**AO8.1** Landscaping utilises plant species that are appropriate for the location and intended purpose of the landscaping. AND **AO8.2** Species selection avoids non-invasive plants. *Editor's Note. Guidance on plant selection is provided in Branching Out - Your Handy Guide to tree Planting in the South Burnett available from Council.*	Not applicable to reconfiguring a lot.
Section 5: Filling and Excavation		
PO9 Development results in ground levels that retain: (a) access to natural light; (b) aesthetic amenity; (c) privacy; and (d) safety.	**AO9.1** The depth of: (a) fill is less than 2m above ground level; or (b) excavation is less than 2m below ground level. AND **AO9.2** The toe of the fill, or top of the excavation is not less than 0.5m inside the site property boundary. AND **AO9.3** Works do not occur on slopes over 15% in grade. AND **AO9.4** Retaining walls over 1m in height are terraced 1.5m for every 1m in height and landscaped. AND **AO9.5** Batter slopes are not steeper than 25% and are grassed and terraced 1.5m for every 1m in height.	Not applicable – no filling and excavation required as part of the proposed boundary realignment.

SERVICES AND WORKS CODE (Section 8.4.2.3)		
Performance Outcomes	**Assessment Benchmarks**	**Response**
	AND **AO9.6** Filling or excavation for the purpose or retention of water: (a) is certified by an RPEQ engineer to safely withstand the hydraulic loading; (b) directs overflow such that no scour damage or nuisance occurs on adjoining lots.	
PO10 Filling or excavation does not cause damage to public utilities.	**AO10.1** Filling or excavation does not occur within 2m horizontally of any part of an underground water supply, sewerage, stormwater, electricity or telecommunications system.	Not applicable – no filling and excavation required as part of the proposed boundary realignment.
PO11 Filling and excavation avoids water ponding on the premises or nearby premises that will adversely impact on the health of the community.	**AO11.1** Following filling or excavation: (a) the premises: (i) are self-draining; and (ii) has a minimum slope of 0.25%; and (b) surface water flow is: (i) directed away from neighbouring properties; or (ii) discharged into a stormwater drainage system designed and constructed in accordance with AS3500 section 3.2.	Not applicable – no filling and excavation required as part of the proposed boundary realignment.
Section 6: All operational work subject to an overlay		
Biodiversity Overlay		
PO12 Development avoids, minimises or mitigates adverse impacts on areas of environmental significance.	**AO12.1** Uses and associated works are confined to areas not identified on Overlay Map 05. OR **AO12.2** Development is compatible with the environmental values of the area. OR **AO12.3** Where development within an area identified on Overlay Map 05 is unavoidable, measures recommended by a suitably qualified ecologist are incorporated to protect and retain the environmental	Complies Areas of ecological significance on Overlay Map 05 relate to a waterway which is located along the northern and western boundaries of Lot 394. The proposal will not impact the waterway. Ecological advice provided by Litoria Consulting demonstrated that there will be no net reduction in environmental values (ie. loss of remnant vegetation) compared to the existing scenario.

SERVICES AND WORKS CODE (Section 8.4.2.3)		
Performance Outcomes	**Assessment Benchmarks**	**Response**
	values and underlying ecosystem processes within or adjacent to the development site to the greatest extent practical.	
PO13 Biodiversity values of identified areas of environmental significance are protected from the impacts of development	**AO13.1** Development adjacent to Protected Areas identified on Overlay Map 05 is set back a minimum of 100m from the park boundaries in the absence of any current 'Management Plans' for these areas.	Not applicable – the site is not located adjacent to any 'protected areas'.
PO14 There are no significant adverse effects on water quality, ecological and biodiversity values.	**AO14.1** Uses and associated works are confined to areas outside overland flow paths and natural drainage features. AND **AO14.2** The Waterway Corridors identified on Overlay Map 05 are maintained in a natural state.	Complies Proposed boundary realignment will not impact upon overland flow paths or natural drainage features. Complies The site contains a waterway located along the northern and western boundaries of Lot 394. The proposal will not impact the waterway.
Flood Hazard Overlay		
PO15 Development directly, indirectly and cumulatively avoids any significant increase in water flow, velocity or flood level, and does not increase the potential for flood damage either on site or other properties.	**AO15.1** Works associated with the proposed development do not: (a) involve a net increase in filling greater than $50m^3$ in the area identified on Overlay Map 03; (b) result in any reductions of onsite flood storage capacity and contain within the site any changes to depth / duration / velocity of flood waters; or (c) change flood characteristics outside the site in ways that result in: (i) loss of flood storage; (ii) loss of/changes to flow paths; (iii) acceleration or retardation of flows; or (iv) any reduction in flood warning times.	Not applicable – the proposed boundary realignment does not require any on site filling or changes to water flows.
Regional Infrastructure Overlay – not applicable		
Water Catchments Overlay		
PO18 There are no significant adverse effects on the	**AO18.1** Development within the Bjelke-Petersen Dam Water	Complies The Gordonbrook Dam is located north of the site and

SERVICES AND WORKS CODE (Section 8.4.2.3)		
Performance Outcomes	**Assessment Benchmarks**	**Response**
water quality of the Region's drinking water supply.	Resource Catchment Area and the 800m buffer to Boondooma and Gordonbrook Dams shown on Overlay Map 06 has no significant adverse effect on the quantity and availability of raw water for consumption, as determined by a suitably qualified water quality expert. OR **AO18.2** Development within the Cooyar Creek water supply buffer area shown on Overlay Map 06 complies with the specific outcomes and measures of the *Seqwater Development Guidelines: Development Guidelines for Water Quality Management in Drinking Water Catchments 2012*.	the proposal is being undertaken in order to utilise a portion of Lot 3 on RP205528 for the future development of water storage tanks as part of the drinking water supply infrastructure for the region. The boundary realignment will not result in adverse impacts to Gordonbrook Dam. Not applicable – site is not within the Cooyar Creek water supply buffer area.

5. CONSULTATION

Referral Agencies

State Assessment and Referral Agency	Referral Agency Response with conditions, dated 30 April 2024 and proposed plan, amended in red (Attachment C)
Other	Nil

Council Referrals

INTERNAL REFERRAL SPECIALIST	*REFERRAL / RESPONSE*
Development Engineer	Council's Development Engineer provided engineering conditions.
Infrastructure Charges Unit	Not Applicable for a Boundary Realignment

6. CONCLUSION

The application for a Development Permit for Reconfiguring a Lot – Boundary Realignment (3 Lots into 3 Lots) at 858 Memerambi Gordonbrook Road GORDONBROOK (and described as Lot 3 on RP205528, Lot 394 on FY805 and Lot 396 on FY2911) is recommended for approval subject to the reasons outlined in the Statement of Reasons and / or conditions of approval.

ATTACHMENTS

1. **Attachment A - Statement of Reasons**
2. **Attachment B - Approved Plans**
3. **Attachment C - Referral Agency Response**

NOTICE ABOUT DECISION – STATEMENT OF REASONS

The following information is provided in accordance with Section 63(4) & (5) of the Planning Act 2016

Applicant:	South Burnett Regional Council C/- Reel Planning Pty Ltd
Application No:	RAL23/0002
Proposal:	Reconfiguration of a Lot – Boundary Realignment (3 Lots into 3 Lots)
Street Address:	858 Memerambi Gordonbrook Road GORDONBROOK
RP Description:	Lot 3 on RP205528 Lot 394 on FY805 Lot 396 on FY2911
Assessment Type:	Code Assessable

On 4 June 2024 the above development was recommended for:

☒ Approval
☐ Refusal

1. Reasons for the Decision

The reasons for this decision are:

- The subject site is located in the Rural Zone under the *SBRC Planning Scheme 2017 v1.4*;
- The subject site comprises three lots and has a combined total area of 392.838 hectares;
- There are five easements across the site with each of these benefitting Lot 497 on FY838992 (ie. Gordonbrook Dam located to the north of the site) and relate to water supply infrastructure;
- Existing easements will not be impacted by the proposal;
- The proposed boundary realignment (three lots into three lots) is being undertaken to utilise a portion of Lot 3 on RP205528 for the future development of water storage tanks as part of the drinking water supply infrastructure for the Region;
- The proposal results in Lot 3 having an area of 12.564 hectares which is below the minimum 100 hectares for the Rural Zone;
- Despite the non-compliant size of Lot 3, it is to be used for essential water infrastructure (ie. water storage tanks) for the Region and its location is based on its proximity to the internal access track (ie. Water Treatment Access Road) and the topography of the land which will best suit its future use;
- The site contains areas of 'Class A' Agricultural Land and Important Agricultural Areas and resultant lot sizes for Lot 394 and 396 exceed 100ha which is appropriate for carrying out a range of rural activities and consequently, the productive capacity and utility of agricultural land will not be comprised;
- Ecological advice provided by Litoria Consulting demonstrated that there will be no net reduction in environmental values (ie. loss of remnant vegetation) compared to the existing scenario;
- The proposal does not impact upon the mapped waterway on site which runs along the northern and western boundaries of Lot 394;
- The boundaries of proposed Lot 3 are outside mapped flood hazard;

- The Gordonbrook Dam is located north of the site and the proposal will not result in adverse impacts to Gordonbrook Dam;
- Existing vehicular access from Memerambi Gordonbrook Road is to be retained, as well as the internal Water Treatment Access Road;
- The application required referral to the Department of State Development, Infrastructure, Local Government and Planning (DSDILGP) (via the State Assessment and Referral Agency) for reconfiguring a lot that involves clearing vegetation and reconfiguring a lot near a State transport corridor;
- SARA's referral agency response was subject to conditions and proposed plan was amended in red;
- The Department of Transport and Main Roads approved a Permitted Road Access Location under Section 62A(2) of *Transport Infrastructure Act 1994*;
- The proposal does not conflict with Strategic Outcomes of Section 3.4.1, *SBRC Planning Scheme 2017, v1.4*; and
- The proposal is compliant and or can be conditioned in accordance with the relevant provisions of the assessment benchmarks/performance outcomes.

2. Assessment Benchmarks

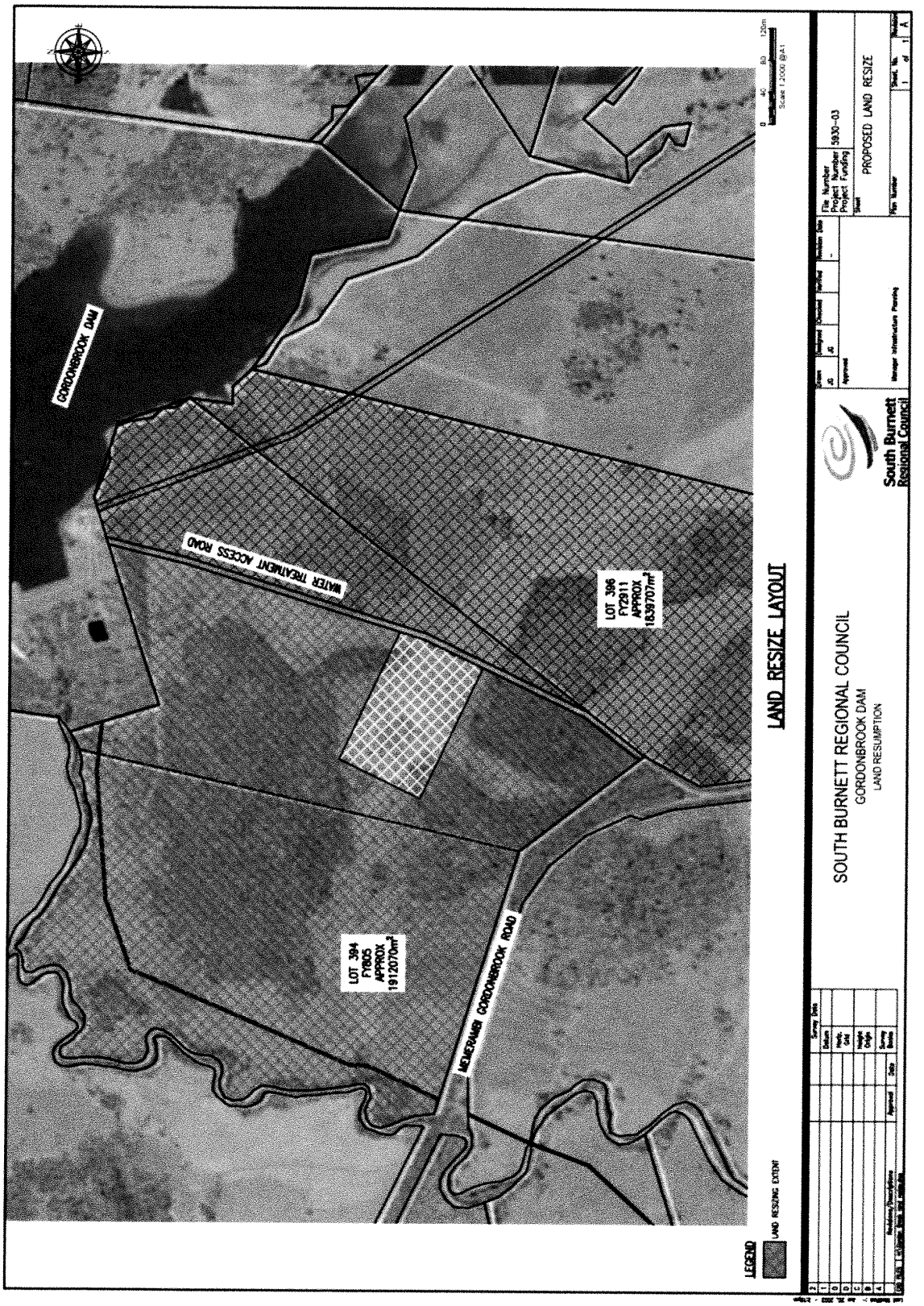
The following are the benchmarks apply to this development:

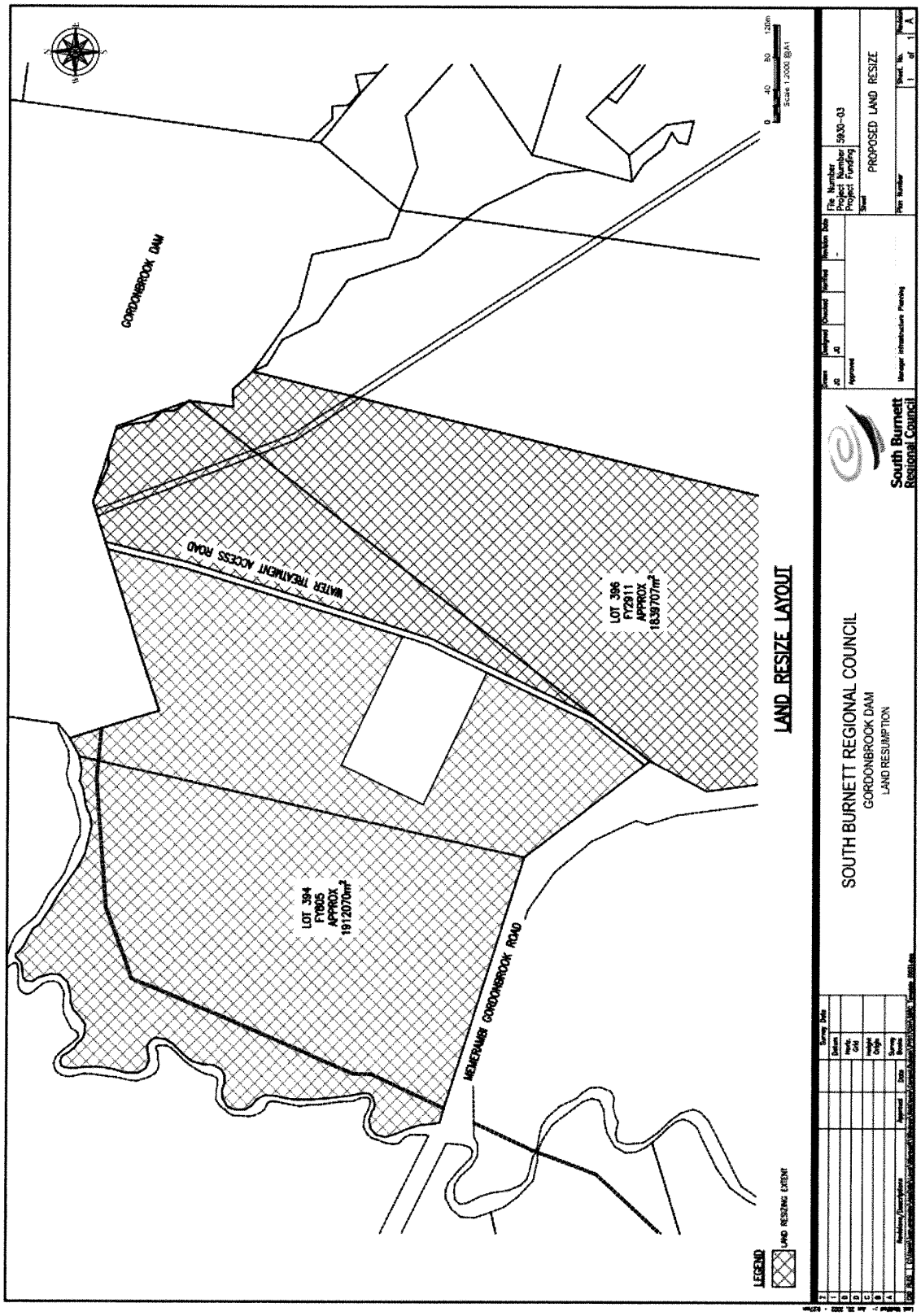
- Rural Zone Code;
- Reconfiguring a Lot Code; and
- Services and Works Code.

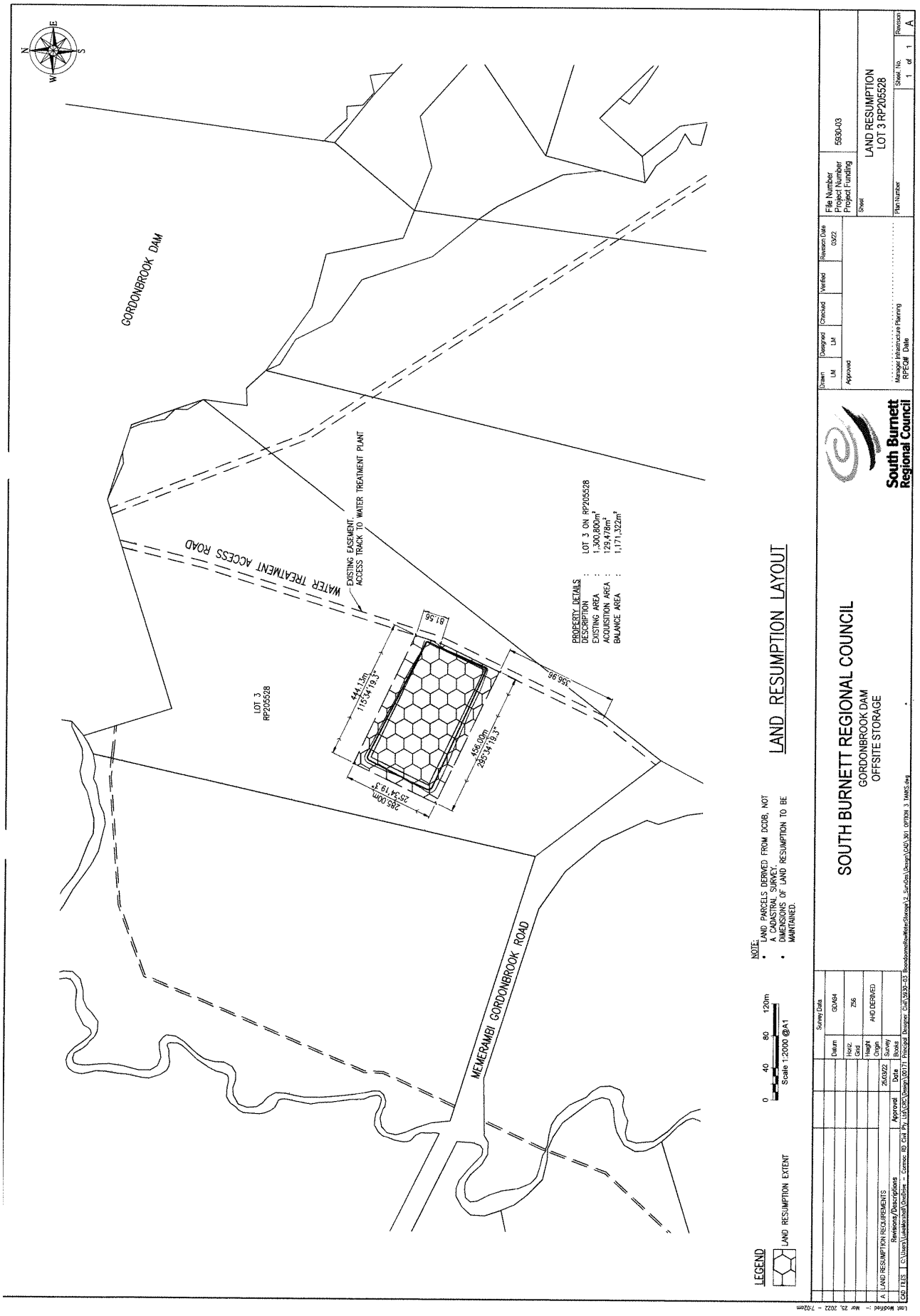
3. Compliance with Benchmarks

The development was assessed against all the assessment benchmarks listed above and complies with all of these or can be conditioned to comply.

Note: Each application submitted to Council is assessed individually on its own merit.


LAND RESIZE LAYOUT
SOUTH BURNETT REGIONAL COUNCIL
GORDONBROOK DAM
LAND RESUMPTION
PROPOSED LAND RESIZE
South Burnett Regional Council
LEGEND
LAND RESIZING EXTENT
GORDONBROOK DAM
WATER TREATMENT ACCESS ROAD
MEMERAMBI GORDONBROOK ROAD
LOT 394 FY805 APPROX 1912070m²
LOT 396 FY2911 APPROX 1539707m²


GORDONBROOK DAM
WATER TREATMENT ACCESS ROAD
LOT 396
FY2911
APPROX
1839707m²
LOT 394
FY805
APPROX
1912070m²
MEMERAMBI GORDONBROOK ROAD
LAND RESIZE LAYOUT
LEGEND
LAND RESIZING EXTENT
SOUTH BURNETT REGIONAL COUNCIL
GORDONBROOK DAM
LAND RESUMPTION
South Burnett Regional Council
PROPOSED LAND RESIZE
5930-03


GORDONBROOK DAM
WATER TREATMENT ACCESS ROAD
EXISTING EASEMENT. ACCESS TRACK TO WATER TREATMENT PLANT
LOT 3 RP205528
MEMERAMBI GORDONBROOK ROAD
81.56
444.13m 115°34'19.3"
285.00m 25°34'19.3"
456.00m 295°34'19.3"
356.96
PROPERTY DETAILS
DESCRIPTION : LOT 3 ON RP205528
EXISTING AREA : 1,300,800m²
ACQUISITION AREA : 129,478m²
BALANCE AREA : 1,171,322m²
LAND RESUMPTION LAYOUT
NOTE:
• LAND PARCELS DERIVED FROM DCDB, NOT A CADASTRAL SURVEY.
• DIMENSIONS OF LAND RESUMPTION TO BE MAINTAINED.
SOUTH BURNETT REGIONAL COUNCIL
GORDONBROOK DAM
OFFSITE STORAGE
South Burnett Regional Council
LEGEND
LAND RESUMPTION EXTENT
0 40 80 120m
Scale 1:2000 @A1
LAND RESUMPTION LAYOUT
LOT 3 RP205528
5930-03
A
1 of 1

Delegated Authority Date:

0.0 MINOR CHANGE TO EXISTING APPROVAL FOR RECONFIGURING A LOT - DEVELOPMENT PERMIT (1 LOT INTO 2 LOTS) AT 23 ANITA ROAD, BLACKBUTT (AND DESCRIBED AS LOT 55 ON RP174024) - APPLICANT: A RICH C/- ONF SURVEYORS

	SIGNATURE	DATE
Acting MANAGER	[redacted]	19/6/24
Acting GM		20/6/24.
CEO		20 06 2024

File Number: **RAL24/0015**

Author: **Senior Planning Officer**

Authoriser: **Chief Executive Officer**

PRECIS

Change application (minor change) made under section 78 and assessed under section 81 of the *Planning Act 2016* to the Reconfiguring a Lot – 1 lot into 2 lots at 23 Anita Road, Blackbutt North (and described as Lot 55 on RP174024) – Applicant A Rich C/- ONF Surveyors

SUMMARY

- Application is assessable under s81 Minor Change Request;
- The Reconfiguring a lot – development permit for 1 lot into 2 lots was issued on 30 September 2022;
- The plan of survey was subsequently sealed on 18 May 2024;
- The request is to amend the approved Bushfire Management Report to:
  - Increase the building location envelope size within existing lot 1 for the construction of dwelling and associated outbuildings in the rural residential setting.
- The subject site is located in the Rural residential zone and within the RR1 precinct;
- The subject site area of lot 1 is approximately 1.971ha;
- Council did not issue a further issues letter;
- Pursuant to the *Planning Act 2016* the proposed changes were assessed against the South Burnett Regional Council Planning Scheme v1.4;
- The application is not considered substantially different development and can be processed as a minor change application under s81 of the *Planning Act 2016*;
- The request is assessed in accordance with the *Planning Act 2016* and a recommendation that the condition GEN1 be amended to reflect the revised building local envelopment and property note PN1 to ensure the Bushfire Management Report Addendum is reflected;
- Refer to Attachment A – Statement of Reasons;
- Refer to Attachment B – 10415P/1 Approved Plan (original);
- Refer to Attachment C – 10415P/2 Approved Plan (revised);
- Refer to Attachment D – Bushfire Management Report (original);
- Refer to Attachment E – Bushfire Management Report (addendum)
- Infrastructure charges formed part of the sealing of the survey plan, therefore, no changes required.

OFFICER'S RECOMMENDATION

That Council approve the change request pursuant to s81 under the *Planning Act 2016* subject to the following changes as outlined below. Amended conditions shown in bold and as there are conditions proposed to be deleted, strikethrough has not been used.

GEN1. The development must be completed and maintained generally in accordance with the approved plans and documents and any amendments arising through conditions to this development approval:

Drawing Title	Prepared By	Ref No.	Rev	Date
Proposal Subdivision	ONF Surveyors	10415P/1	A	10/08/2022
Proposal Subdivision	**ONF Surveyors**	**10415P/2**	**–**	**11/06/2024**

Delegated Authority Date:

Approved Documents:

Document Title	Prepared By	Ref No.	Rev	Date
Bushfire Management Report	Aquila NRM	BMR 220604	–	09/08/2022
Bushfire Management Report Addendum	**Aquila NRM**	**BMR 220604**	–	**29/05/2024**

PN1. Proposed Lot 1 (original parcel Lot 55 on RP174024) is subject to an approved bushfire management plan. Future dwelling house/habitable building is to be site in accordance within the approved location envelope of the approved bushfire management plan.

Document Title	Prepared By	Ref No.	Rev	Date
Bushfire Management Report	Aquila NRM	BMR 220604	–	09/08/2022
Bushfire Management Report Addendum	**Aquila NRM**	**BMR 220604**	–	**29/05/2024**

All other conditions of approval remain unchanged in accordance with RAL22/0015.

Delegated Authority Date:

FINANCIAL AND RESOURCE IMPLICATIONS
No implication can be identified.

LINK TO CORPORATE/OPERATIONAL PLAN
Growing our Region's Economy and Prosperity

- GR8 Support and advocate for appropriate growth and development with responsive planning schemes, process, customer service and other initiatives.
-

COMMUNICATION/CONSULTATION (INTERNAL/EXTERNAL)
Refer to Section 3 in this report.

LEGAL IMPLICATIONS (STATUTORY BASIS, LEGAL RISKS)
No implication identified.

POLICY/LOCAL LAW/DELEGATION IMPLICATIONS
No implication can be identified.

ASSET MANAGEMENT IMPLICATIONS
No implication can be identified.

Delegated Authority Date:

REPORT

1. APPLICATION DETAILS

S81 Minor change

The applicant seeks approval for a development permit for a Change Application (minor change) – Reconfiguring a lot – development permit.

APPLICATION SUMMARY	
Applicant	A Rich C/- ONF Surveyors
Type of Application	s81 Minor change request
Site Address	23 Anita Road BLACKBUTT NORTH
RP Description	Lot 55 on RP174024
State Referral Agencies	No additional referrals
Referred Internal Specialist	Nil
Site Area	1.971ha (Lot 1)
Zone	Rural residential
Overlays	Bushfire, Agriculture
Level of Assessment	Code
Existing Use	Vacant lot with dwelling house to the east
Surrounding uses	Rural residential

2. BACKGROUND AND SUMMARY OF CHARGES

Application Number	***Details***
Council Ref: RAL22/0015	South Burnett Regional Council issued a development permit for Reconfiguring a lot – 1 lot into 2 lots. The plan of survey (POS23/0009) was sealed on 18 May 2024. Part of the conditions of approval included a Bushfire Management Report which included building location envelope for Lot 1.

3. THE PROPOSED CHANGE

The applicant submits the changes to the existing approval, stated as follows:

- Request to change approval to include an Addendum to the originally approved Bushfire Management Report for an increased Building Location Envelope within Lot 1.

ASSESSMENT MANAGER'S CONDITIONS

Existing Condition

GEN1. The development must be completed and maintained generally in accordance with the approved plans and documents and any amendments arising through conditions to this development approval:

Drawing Title	Prepared By	Ref No.	Rev	Date
Proposal Subdivision	ONF Surveyors	10415P/1	A	10/08/2022

Approved Documents:

Document Title	Prepared By	Ref No.	Rev	Date
Bushfire Management Report	Aquila NRM	BRM 229604	–	9 August 2022

Delegated Authority Date:

PN1. Proposed Lot 1 (original parcel Lot 55 on RP174024) is subject to an approved bushfire management plan. Future dwelling house/habitable building is to be site in accordance within the approved location envelope of the approved bushfire management plan.

Document Title	Prepared By	Ref No.	Rev	Date
Bushfire Management Report	Aquila NRM	BRM 229604	–	9 August 2022

Proposed condition by the applicant
None proposed.

Resolution
The assessing officer amended the conditions to reflect the revised Bushfire Management Report (BMR) dated 29 May 2024. The BMR was amended to reflect the practicality of the nominated building envelope on Lot 1. The revised building location envelope increased from 600sqm to 3,255sqm. There is 15m wide asset protection zone around all of the building location envelope apart from the northern boundary which is only 5m.

As the original Reconfiguring a lot was approved and plan of survey endorsed it is proposed to include the BMR Addendum to reflect the updated building location envelope rather than delete the original condition which remains applicable to both allotments.

Amended Condition

GEN1. The development must be completed and maintained generally in accordance with the approved plans and documents and any amendments arising through conditions to this development approval:

Drawing Title	Prepared By	Ref No.	Rev	Date
Proposal Subdivision	ONF Surveyors	10415P/1	A	10/08/2022
Proposal Subdivision	**ONF Surveyors**	**10415P/2**	–	**11/06/2024**

Approved Documents:

Document Title	Prepared By	Ref No.	Rev	Date
Bushfire Management Report	Aquila NRM	BMR 220604	–	09/08/2022
Bushfire Management Report Addendum	**Aquila NRM**	**BMR 220604**	–	**29/05/2024**

PN1. Proposed Lot 1 (original parcel Lot 55 on RP174024) is subject to an approved bushfire management plan. Future dwelling house/habitable building is to be site in accordance within the approved location envelope of the approved bushfire management plan.

Document Title	Prepared By	Ref No.	Rev	Date
Bushfire Management Report	Aquila NRM	BMR 220604	–	09/08/2022
Bushfire Management Report Addendum	**Aquila NRM**	**BMR 220604**	–	**29/05/2024**

Delegated Authority Date:

4. MINOR CHANGE ASSESSMENT

A minor change is a change application to a development approval as per s81 of the *Planning Act 2016*. A response to the minor change criteria is provided in Table below.

Assessment against minor change criteria (*Planning Act 2016*, Schedule 2).

MINOR CHANGE CRITERIA	***COMPLIES***	***RESPONSE***
A **minor change**, for a development approval, means a change would not-		
i. Result in a substantially different development; or		The proposed change does not create or result in a substantially different development.
If a development application for the development, including the change, were made when the change application is made would not cause--		
A. The inclusion of prohibited development in the application; or		The proposed change will not result in prohibited development.
B. Referral to a referral agency, other than to the chief executive, if there were no referral agencies for the development application; or		The minor change did not result in the referral to a referral agency.
C. Referral to extra referral agencies, other than to the chief executive; or		There were no additional referral agencies as a result of the minor change.
D. A referral agency to assess the application against, or have regard to, matters prescribed by regulation under section 55(2), other than matters the referral agency must have assessed the application against, or have had regard to, when the application was made; or		N/A.
E. Public notification if public notification not required for the development application.		The proposed minor change did not change the level of assessment from code assessable.

The Development Assessment Rules 2017 (Schedule 1) provides guiding criteria in relation to 'substantially different development'. Assessment against substantially different development criteria (Development Assessment Rules 2017).

A full assessment was not reproduced. The minor change included an addendum to the BMR increasing the size of the building envelope which is not considered substantially different development.

5. CONCLUSION

The officer's assessment demonstrates that the proposed changes can be considered as minor to the approval under the *Planning Act 2016*. By updating or retaining the existing conditions will ensure that the subject lot retains compliance with the original BMR and subsequent addendum increasing the building location envelope.

CHANGES TO CONDITIONS

New Condition to reflect the Bushfire Management Report Addendum

GEN1. The development must be completed and maintained generally in accordance with the approved plans and documents and any amendments arising through conditions to this development approval:

Delegated Authority Date:

Drawing Title	Prepared By	Ref No.	Rev	Date
Proposal Subdivision	ONF Surveyors	10415P/1	A	10/08/2022
Proposal Subdivision	**ONF Surveyors**	**10415P/2**	**–**	**11/06/2024**

Approved Documents:

Document Title	Prepared By	Ref No.	Rev	Date
Bushfire Management Report	Aquila NRM	BMR 220604	–	09/08/2022
Bushfire Management Report Addendum	**Aquila NRM**	**BMR 220604**	**–**	**29/05/2024**

PN1. Proposed Lot 1 (original parcel Lot 55 on RP174024) is subject to an approved bushfire management plan. Future dwelling house/habitable building is to be site in accordance within the approved location envelope of the approved bushfire management plan.

Document Title	Prepared By	Ref No.	Rev	Date
Bushfire Management Report	Aquila NRM	BMR 220604	–	09/08/2022
Bushfire Management Report Addendum	**Aquila NRM**	**BMR 220604**	**–**	**29/05/2024**

All other conditions of approval remain unchanged in accordance with RAL22/0015.

ATTACHMENTS

1. **Attachment A - Statement of Reasons**
2. **Attachment B - 10415P/1 Approved Plan**
3. **Attachment C - 10415P/2 Approved Plan**
4. **Attachment D - Bushfire Management Report**
5. **Attachment E - Bushfire Management Report Addendum**

ATTACHMENT B – STATEMENT OF REASONS

NOTICE ABOUT DECISION – STATEMENT OF REASONS

The following information is provided in accordance with Section 63(4) & (5) of the Planning Act 2016

SITE DETAILS	
Applicant:	A Rich
Proposal:	Minor change
Properly Made Date:	12 June 2024
Street Address:	29-45 Alford Street, Kingaroy
RP Description:	Lot 1 on SP148216
Assessment Type:	S81 Minor Change to Reconfiguring a lot – development permit
Number of Submissions:	N/A
Decision:	Approved with amended conditions
Decision Date:	14 June 2024

1. Assessment Benchmarks

The following are the benchmarks apply to this development:

- s81 Planning Act 2016
- The Planning Act 2016 (Schedule 2)
- Development Assessment Rules 2017 (Schedule 1)

2. Reasons for the Decision

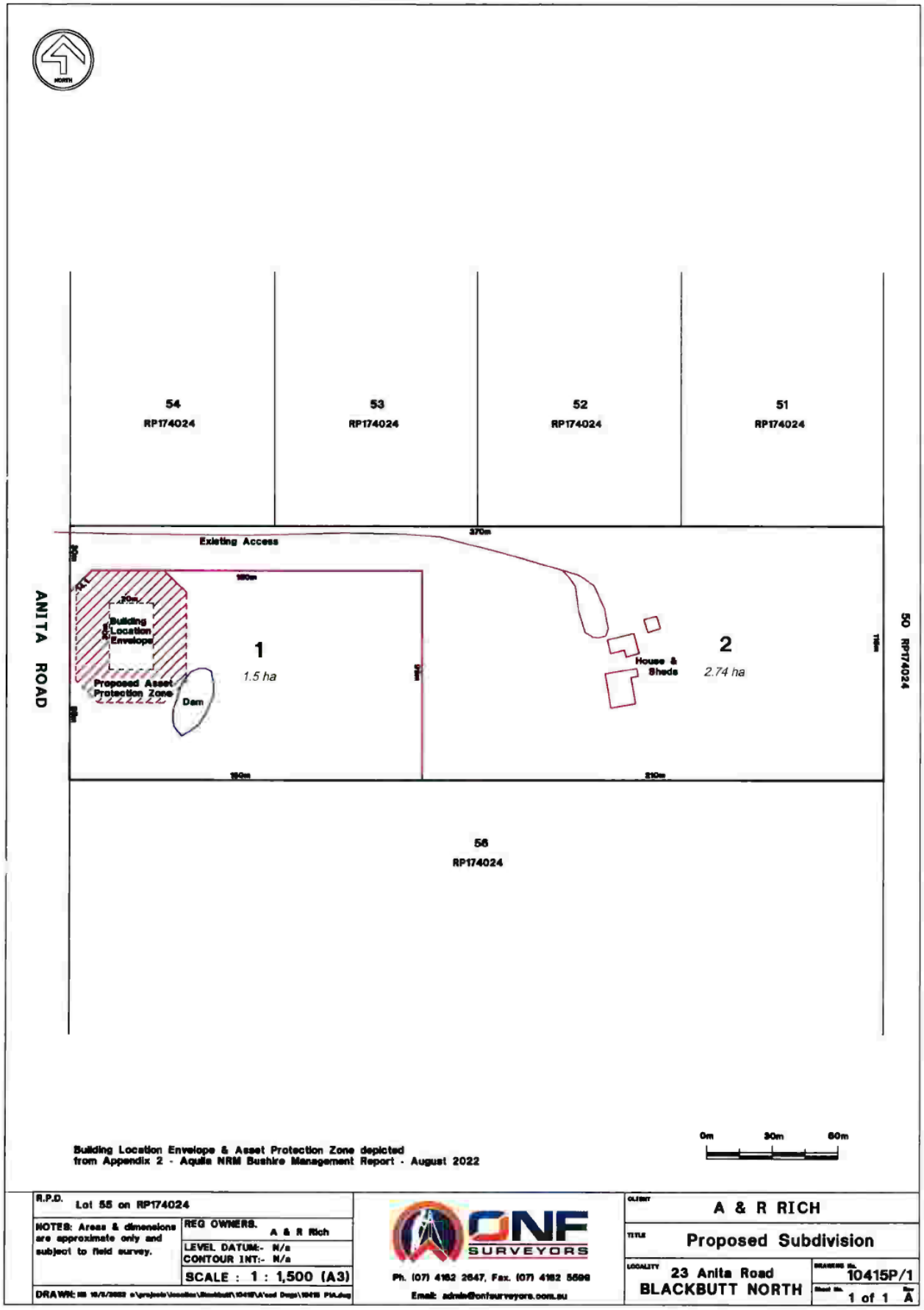
The reasons for this decision are:

- The proposed development increased the building location envelope in accordance with the Bushfire Management Report Addendum.
- Reasonable and relevant conditions of approval can be imposed to ensure compliance with the South Burnett Planning Scheme 2017 requirements.
- The proposed changes are assessed to not be Substantially Different from the approved development.

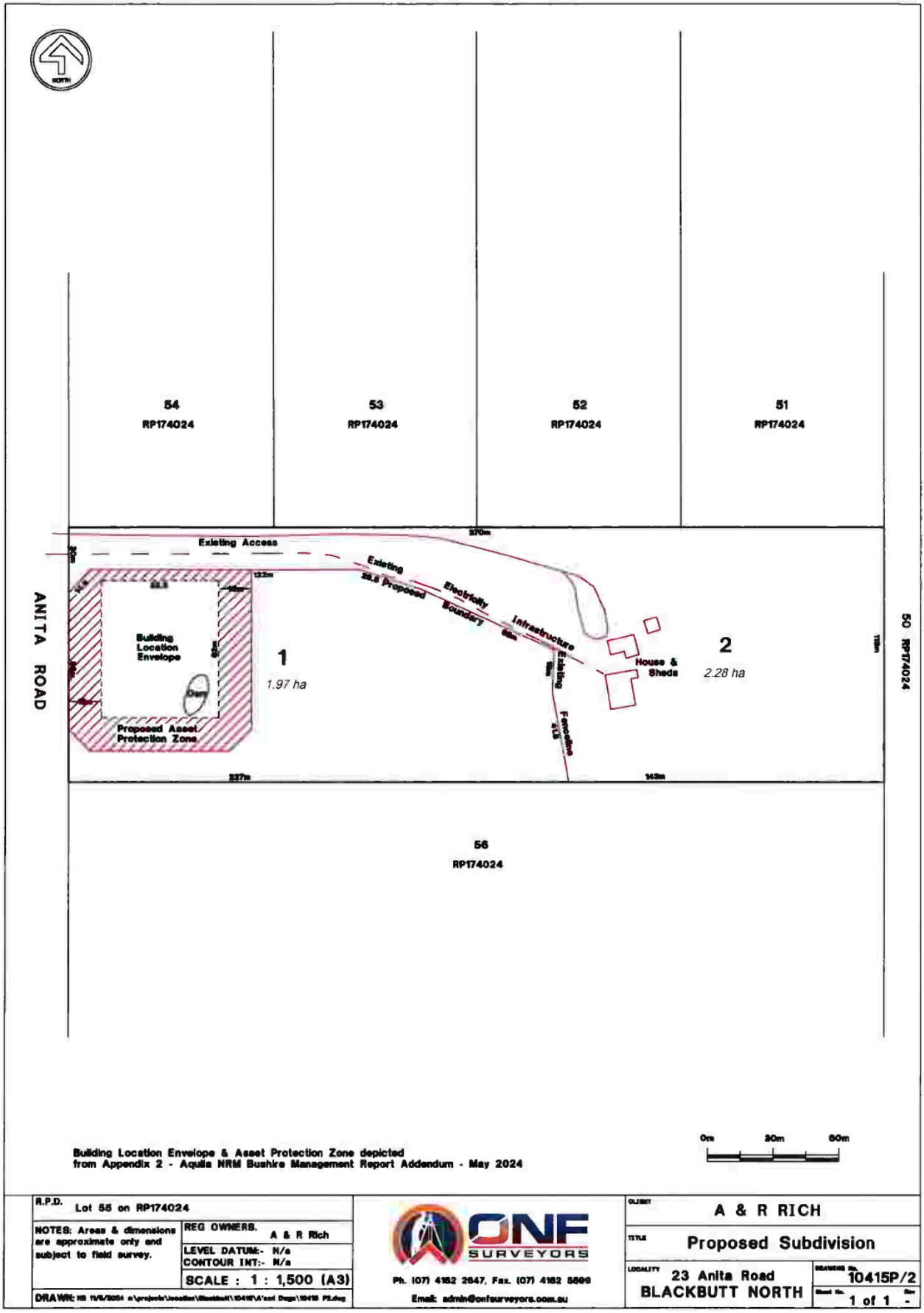
3. Compliance with Benchmarks

- The development was assessed against all the assessment benchmarks listed above and complies with all of these or can be conditioned to comply.

  Note: Each application submitted to Council is assessed individually on its own merit.



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Bushfire Management

REPORT

Anthony Rich

23 Anita Road,
Blackbutt North, QLD 4314

Lot 55 RP174024

Prepared by Aquila NRM
August 2022



DOCUMENT CONTROL RECORD

Title	Bushfire Management Report
Address	23 Anita Road, Blackbutt North, QLD 4314
Project number	BMR 220604
Client	Anthony Rich

Document Issue

Issue	Date	Prepared By
1	9 August 2022	Rick Galbraith

Notice to users of this report

This report has been prepared for A Rich. Aquila NRM cannot accept responsibility for any use of or reliance upon the contents of this report by any third party.

It details a number of bushfire protection measures that when followed will increase the survival prospects of residents and built assets in the event of a bushfire. It must be borne in mind that the measures dealt with in this report cannot guarantee the survival of a building or other assets in a bushfire event. This is due mainly to the unpredictable nature and behaviour of fire, difficulties associated with extreme weather conditions and vegetation management on and surrounding the site subsequent to development.

Bushfire Report prepared by:

[redacted]

Rick Galbraith,
Dip Horticultural Science
9th August 2022

Aquila NRM
7701 New England Highway
Crows Nest Q 4355
Mobile 0407 622 995
Email rick@aquilanrm.com.au

This report is a site-specific assessment of the subject property that has been prepared in accordance with the South Burnett Regional Council Planning Scheme (2017 Version 1.4) and the State Planning Policy.

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Executive summary

A development comprising the Reconfiguring of a Lot (RaL) is proposed for 23 Anita Road, Blackbutt North, described as 55 RP174024, (hereafter referred to as 'the site'). The development comprises the reconfiguring of a Lot site from one (1) lot into two (2) Rural Residential lots with areas of 1.5 and 2.74 hectares.

Bushfire

The site is identified by the Queensland Government State Planning Policy Interactive Mapping System Natural Hazards and Risk Resilience Mapping as being contained within an area of Very High Bushfire Intensity. The site assessment identified that the bushfire hazard is less than levels mapped by the Queensland Government due to historical and current vegetation management practices on the site and in the surrounding landscape. The site was assessed as being subject to a Medium Potential Bushfire Intensity.

Mitigation measures

The implementation of the following measures will assist in addressing environmental and bushfire issues on the site.

Building sites

A building location envelope (BLE) has been identified on Lot 1 to ensure that a dwelling can be safely constructed on the site on without exposing buildings or residents to high levels of bushfire hazard.

Construction of buildings

Careful design of new buildings should be undertaken; taking into consideration site characteristics and relevant building standards including the Australian Standard for Construction of buildings in bushfire-prone areas (AS3959-2018) and the Building Code of Australia. Bushfire Attack Levels (BAL) for Lot 1 are in the order of 19 to 29 dependent on final build location and extent of vegetation management actions undertaken.

Access and egress

Lot 1 is provided with constructed access to Anita Road which is of sealed all-weather standard that is suitable for use by emergency service vehicles such as rural and urban fire brigade trucks.

Vegetation management

A BLE has been identified on Lot 1 in an area of least hazard to ensure that future dwellings are not exposed to high levels of bushfire hazard. The site is currently maintained in a low fuel load state by regular management actions including control of woody environmental weed Lantana, regular slashing and fuel reduction burns on an as needs basis. Ongoing vegetation management, in the area surrounding the identified BLE, and particularly following construction of a dwelling will assist maintaining bushfire hazards to an acceptable level.

Water supply

The State Planning Policy (2019) 'Natural Hazards, Risk and Resilience - Bushfire identifiess that a reliable water supply for fire-fighting purposes is provided that is safely located and freely accessible. This can be achieved by provision of a dedicated fire-fighting water supply of 10,000 litres at the time of constructing a dwelling on Lot 115.

Maintenance of bushfire mitigation measures

This fire report has been prepared on the basis that bushfire mitigation measures identified are implemented and maintained into the foreseeable future. Failure to maintain these measures may contribute to the development being exposed to a higher level of bushfire threat and attack.

1.0 Introduction

Aquila NRM was engaged by Anthony Rich to undertake a bushfire assessment and prepare a Bushfire Management Report for the proposed development at Blackbutt North. The development comprises the reconfiguring of 1 lot into 2 Rural Residential lots with areas of 1.5 and 12.74 hectares.

2.0 General site details

Table 1: Summary of general site details

Address	23 Anita Road, Blackbutt North
Lot on Plan	Lot 55 RP174024
Area	4.255 hectares
Local Government Area	South Burnett Regional Council
Planning Scheme / Local Plan	South Burnett Regional Council Planning Scheme (2017 Version 1.4) State Planning Policy
Overlays	Bushfire Hazard
VMA 1999	Category C and Category X
Area Classification / Zone	Rural Residential
Proposed Landuse	Rural Residential

2.1 Site description

The site is situated approximately 4.5 kilometres by road northeast of the township of Blackbutt in a rural residential living area. It is accessed by Anita Road on the western boundary of the site. Rural residential areas are located in the area surrounding the site. Native vegetation is present on the Lot and comprises approximately 2.2 hectares of Category B vegetation and 2.0 hectares of Category X (i.e., non-remnant vegetation). Topography of the site comprises gentle slopes with the land falling from the northwest to the southeast with underlying slopes in the order of 3% or less than 2 degrees.

Figure 1 provides an aerial view of the site and its context within the surrounding landscape; Figure 2 provides contours for the site with Figure 3 illustrating the proposed development superimposed on an aerial image.



Figure 1: Aerial view providing landscape context for the site which is highlighted with a yellow border. Imagery sourced from Google Earth Pro that was captured on 7 July 2021.

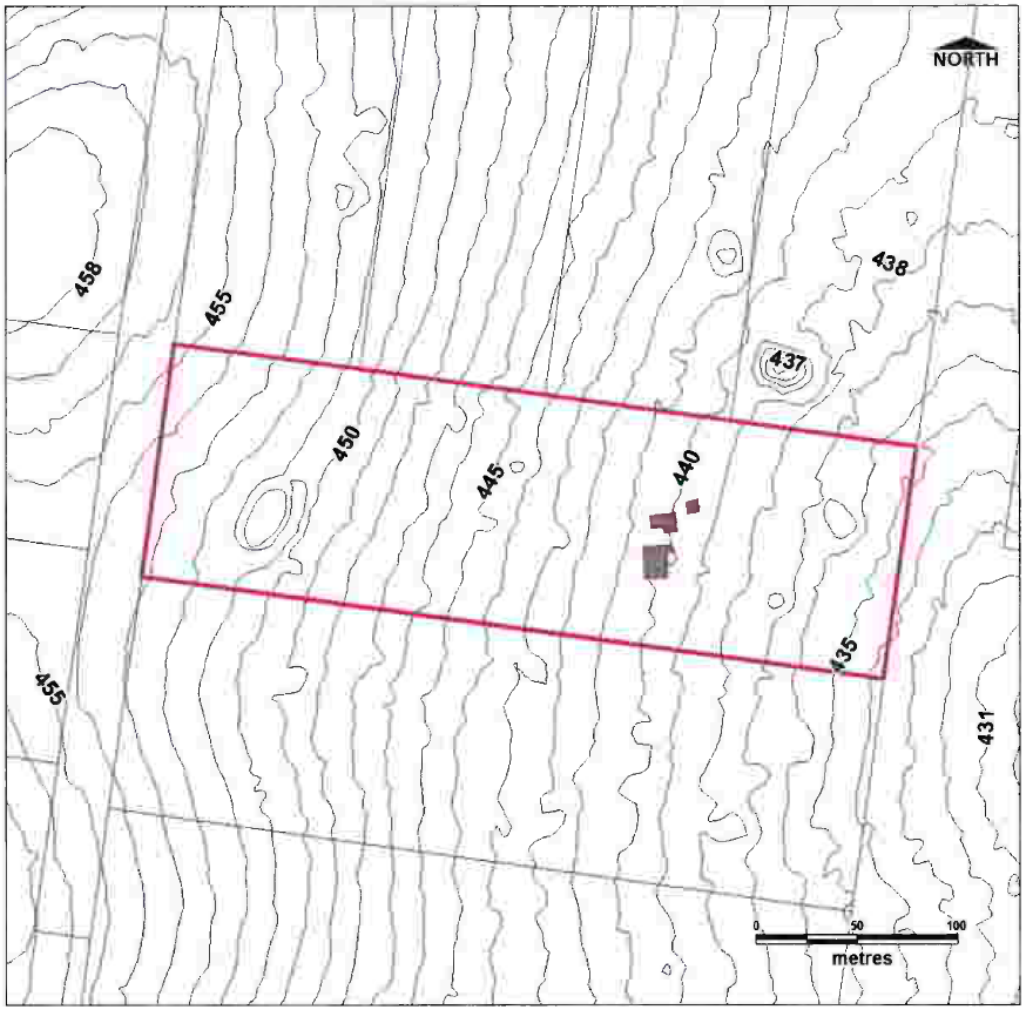


Figure 2: Topography of the site with contour intervals of 1 metre.



Figure 3: Aerial view of site and proposed Lots, showing extent of native vegetation cover within the proximity of the development. Imagery sourced from Google Earth Pro that was captured on 7 July 2021.

The following photographs provide a visual representation of the site and vegetation present.



Photo 1: View to the east over the site along the driveway servicing the existing dwelling on the site.



Photo 2: Existing dwelling on the site surrounded by landscaped and maintained grounds.



Photo 3: Typical vegetation on the site. Note the absence of shrubby understorey vegetation.



Photo 4: View to the east from proposed Lot 1 showing low levels of hazardous vegetation.



Photo 5: A small dam is present on the site near the identified BLE.



Photo 6: View towards the northeast towards the site from Anita Road showing maintained grounds on adjoining properties.



Photo 7: Street view of the site.

2.2 Fire brigade

The development site is contained within the Queensland Fire and Rescue Service Taromeo Rural Fire Brigade district. The closest fire brigade equipped to fight structural fires is the Blackbutt Fire Station located at 72 Hart Street, Blackbutt approximately 5 kilometres by road to the southwest of the site (i.e. less than 10 minutes away).

3.0 Vegetation

3.1 Regulated vegetation

Site assessments were undertaken on 15 June 2022 and 31 July 2022 to ground truth the site and to verify the bushfire hazard present and the associated risks that may be posed to the proposed development.

The current Vegetation Management Supporting Map identifies that the site contains an area of regulated vegetation. Category B vegetation is mapped on a portion of the site and in the immediate surrounding area. The extent of mapped vegetation in the area and its conservation status is shown in Figure 4. Table 2 provides a description of Regional Ecosystems identified by the Queensland Department of Resources for the site.

A diversity of eucalypt trees species is present on and adjacent to the site. The woody environmental weed *Lantana camara* (Lantana) is prevalent in the area, but has been effectively managed on the site.

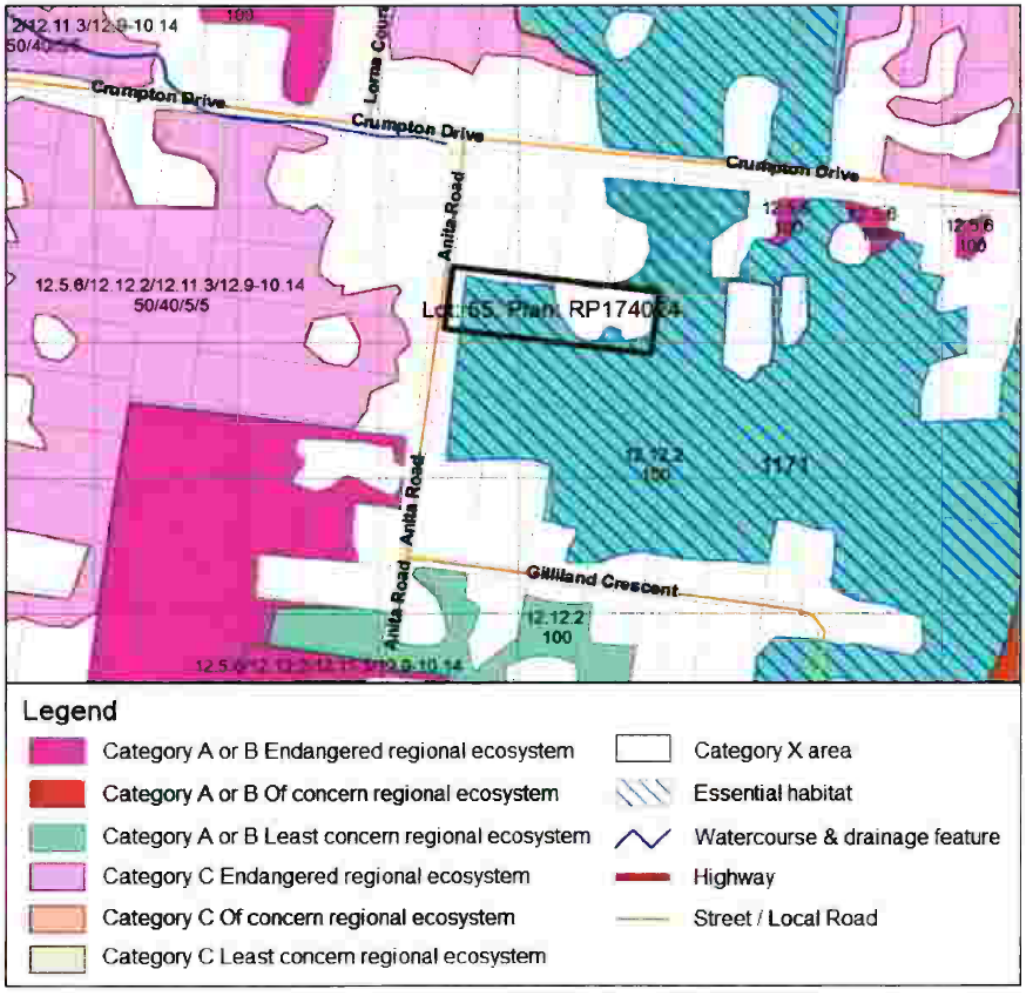


Figure 4: Extent of regulated vegetation on Lot 55 RP174024 as identified by the Vegetation Management Supporting Map accessed on 29 March 2022 from the Queensland Department of Resources website.

Table 2: Regional ecosystems present on subject property

Regional Ecosystem	VMA Status	Category	Area (ha)	Short description	Structure category
12.12.2	Least concern	B	2.2	Eucalyptus pilularis tall open forest on Mesozoic to Proterozoic igneous rocks especially granite	Mid-dense
Non-rem	None	X	2.0	None	None

Regional ecosystem details are identified in the Vegetation Management report for the subject property accessed on 4/08/2022

3.2 Vegetation management

A portion of the site containing Lot 1 is identified as containing Category B regulated vegetation.

The publication '*List of exempt clearing work*' State of Queensland, 2019 identifies the exemptions that can be utilised to clear regulated vegetation for the purposes of constructing buildings and other assets and establishing firebreaks and asset protection zones. The following exemptions are identified.

Table 3: Exempt clearing work on land generally

Clearing activity / purpose	Applicable vegetation category / status or clearing requirement / limitation
▪ Clearing under a development approval for a material change of use or reconfiguring a lot, if the approval is given for a development application and: a. for which the chief executive is a referral agency for clearing vegetation; or b. relates to a lot of less than 5 ha – for which a local government is the assessment manager. ▪ Clearing vegetation in an area declared under the Vegetation Management Act 1999, section 19F if the clearing is carried out under the management plan for the area and for either: a. one or more of the following purposes listed in section 22A of the Vegetation Management Act 1999: ▪ controlling non-native plants or declared pests; ▪ ensuring public safety; ▪ fodder harvesting; ▪ managing thickened vegetation; ▪ clearing for encroachment; ▪ necessary environmental clearing; or b. establishing a necessary fence, firebreak, road or vehicular track and the clearing can not reasonably be avoided or minimised.	▪ Category A area unless stipulated by the department on a notice issued under the Vegetation Management Act 1999 or Planning Act 2016 ▪ Category B ▪ Category C ▪ Category R

Sourced from Table 1: Exempt clearing work on land generally, List of exempt clearing work State of Queensland, 2019

Table 4: Exempt clearing work on freehold and Indigenous land

Clearing activity / purpose	**Applicable vegetation category / status or clearing requirement / limitation**
For any purpose.	Category X
▪ For a forest practice. ▪ For residential clearing, where: a. the building work for the dwelling that necessitates the clearing is carried out: ▪ under a development permit; or ▪ by, or for, the State or a public sector entity; or b. the dwelling that necessitates the clearing is for public housing. ▪ For establishing or maintaining a necessary firebreak to protect infrastructure, other than a fence, road or vehicular track, if the maximum width of firebreak is 1.5 times the height of the tallest vegetation next to the infrastructure, or 20m, whichever is the wider. ▪ For establishing a necessary fire management line up to 10m wide. ▪ Necessary to remove or reduce the imminent risk that the vegetation poses of serious personal injury or damage to infrastructure	▪ Category A area unless stipulated by the department on a notice issued under the Vegetation Management Act 1999 or Planning Act 2016 ▪ Category B ▪ Category C ▪ Category R

Note: Sourced from Table 2: Exempt clearing work on freehold and Indigenous land, List of exempt clearing work State of Queensland, 2019

Vegetation on the site comprises tall open woodland with a grassy understorey, open cleared areas and landscaped and maintained grounds around the existing dwelling. Limited clearing is required to establish a dwelling, associated outbuildings and asset protection zones on Lot 1.

4.0 Bushfire hazard and risk assessment

4.1 Overview

Site assessments were undertaken on 15 June 2022 and 31 July 2022 to ground truth the site and verify the bushfire hazard present and the associated risks that may be posed to the proposed development.

The Queensland State-wide mapping methodology was used to identify Bushfire Prone Areas on the site and within a minimum radius of 150 metres. This methodology scales bushfire hazard based on the Potential Fire-line Intensity of a severe bushfire and can be used to predict the radiation profile of areas adjacent to potentially hazardous vegetation. The Potential Fire-line Intensity is a useful indicator of the level of safety afforded for resident egress and firefighter access.

The Potential Fire-line Intensity is calculated using 3 key factors operating at a landscape level, these being Potential Fuel Load (tonnes / hectare), Maximum Landscape Slope (degrees) and Fire Weather Severity (Forest Fire Danger Index). Figure 5 illustrates the variables used to determine the Potential Fire-line Intensity.

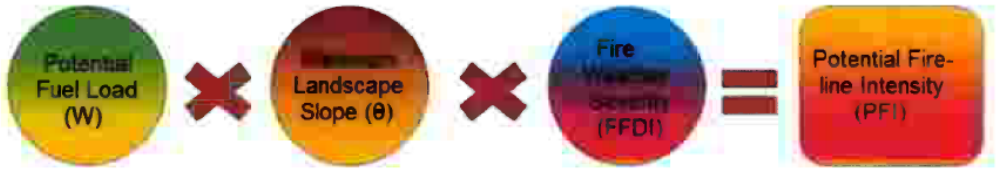


Figure 5: Variables used to determine Potential Fire-line Intensity. (Redrawn from Leonard et al 2013)

Potential Fuel Load represent the approximate mass (measured in tonnes/ha) of combustible fuel material that would typically accumulate if vegetation is not regularly burnt or subject to fuel reduction practices. Potential fuel loads vary according to the type of vegetation present and management of it.

Slope or steepness of land (described as **Landscape Slope**) is a major determinant of fire behaviour, controlling fire spread, the rate of fuel consumption and thus Potential Fire-line Intensity.

Fire behaviour is influenced by a range of weather variables including recent precipitation, current wind speed, relative humidity and temperature. Due to the complexity of these influences, they are commonly combined into a single weather index that can be used to estimate potential fire behaviour. The McArthur (1973) **Forest Fire Danger Index** (FFDI) is the best known, most widely used and thoroughly tested fire weather index adopted by fire agencies throughout Australia.

4.1.1 Bushfire hazard mapping

The Queensland State-wide mapping methodology was used to identify Bushfire Prone Areas on and surrounding the site. This methodology scales bushfire hazard based on the Potential Fire-line Intensity of a severe bushfire, and can be used to predict the radiation profile of areas adjacent to potentially hazardous vegetation. The bushfire hazard for the site and surrounds as identified by the Queensland Government SPP Interactive Mapping System is shown in Figure 6. The SPP mapping indicates the entire site is covered by 'very high potential bushfire intensity'. SBRC utilises the SPP Bushfire Hazard mapping. The site assessment identified that the bushfire hazard is less than levels mapped by the Queensland Government due to historical and current vegetation

management practices on the site and in the surrounding landscape. Additional details are provided in Section 4.3 Vegetation Hazard Classes which identifies the VHCs present. The potential bushfire intensity that the site may be subject to was calculated using the Potential Fireline Intensity calculator and data collected from the site with a Medium potential bushfire hazard class identified.

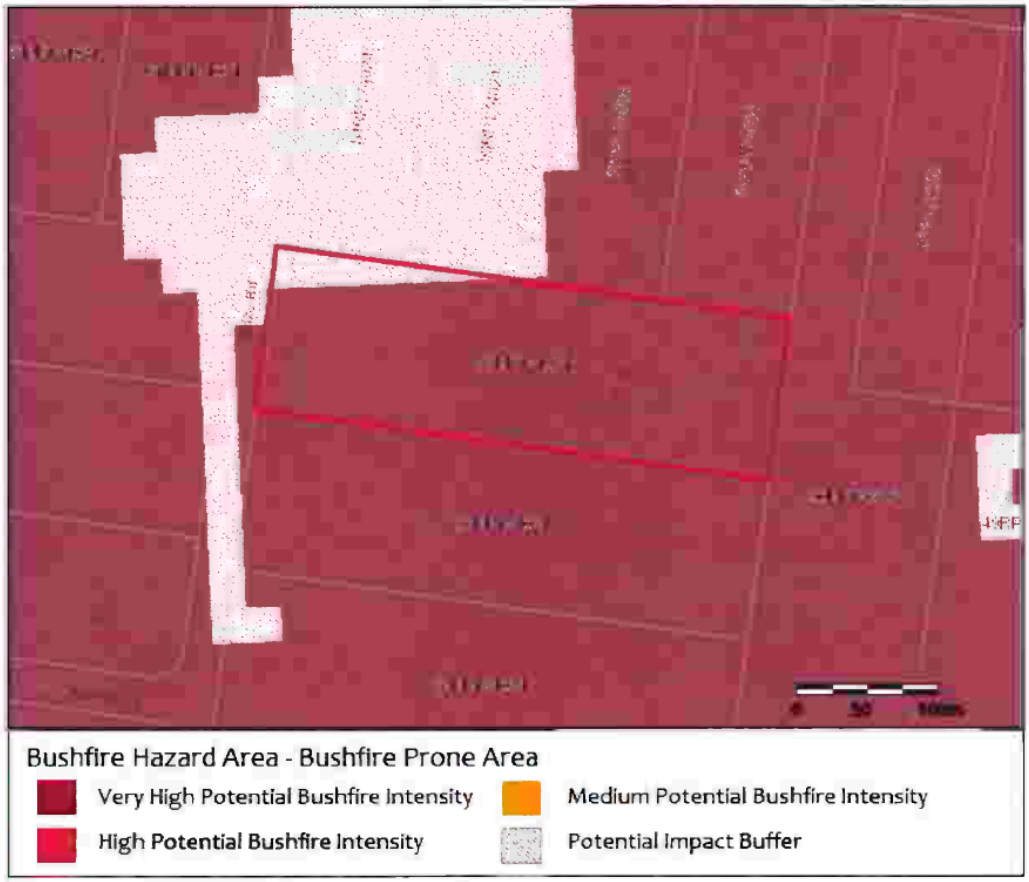


Figure 6: Bushfire Hazard for the site and surrounding area as identified by the Queensland Government SPP Interactive Mapping System accessed on 4 August 2022.

Under adverse conditions, a bushfire could potentially approach from any direction. Severe fire weather conditions are typically associated with hot strong westerly to northerly winds. Bushfires in the area have the potential to generate quantities of embers that could impact on a building even though the fire does not necessarily reach it.

4.2 Climatic conditions and Forest Fire Danger Index

The McArthur Forest Fire Danger Index (or FFDI) is the most common proxy of fire weather severity in Australia and is used for bushfire hazard assessments, emergency management and in regulations such as the Australian Standard 3959–2018 Construction of buildings in bushfire-prone areas.

Unlike Queensland's adoption of AS 3959–2018 (Method 1) that uses a single FFDI value for all of Queensland (40), the estimate of fire weather severity used as an input to identifying the SPP bushfire prone areas in Queensland recognises that weather conditions vary across the state.

Spatially explicit 5% annual exceedance probability (AEP) fire weather event FFDI values for Queensland have been estimated from a gridded (83 kilometre, three-hourly resolution) prediction of FFDI from long-term spatial weather products produced by the Australian Bureau of Meteorology (BoM). The adopted FFDI values reflect a 5% AEP weather event. Adopted FWS (i.e. 5% AEP fire weather event FFDI) values for Queensland vary from 50 in Southeast Queensland and Cape York bioregions to 130 in the south-western parts of the state.

Adopting a worst case scenario, an FDI of 60 was used when calculating Bushfire Attack Levels (BAL) for 'the site'. Figure 7 provides a Fire Danger Index (FDI) map of Southeast Queensland and identifies the location of the site.

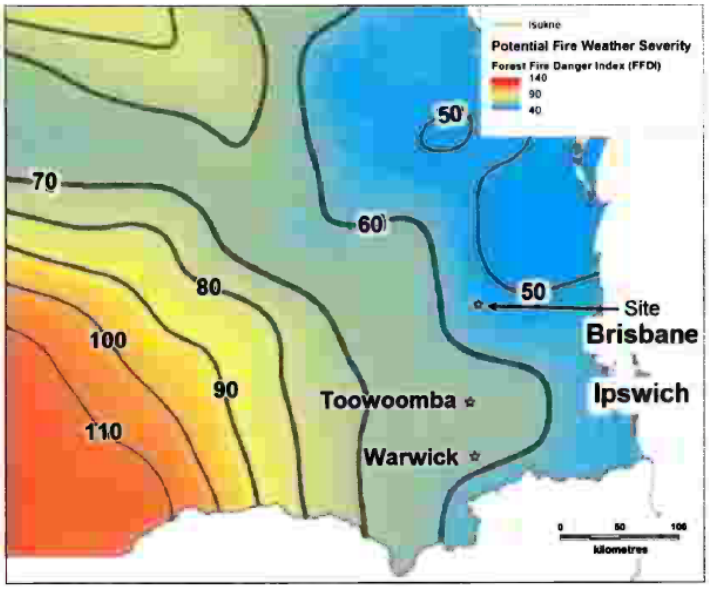


Figure 7: FDI map for Southeast Queensland. Leonard. J. *A New Methodology for State-wide Mapping of Bushfire Prone Areas in Queensland. 2014*

4.3 Vegetation Hazard Classes

The new methodology for State-wide mapping of bushfire prone areas in Queensland identifies Potential Fuel Loads that are assigned to vegetation categories (Vegetation Hazard Classes) formed by amalgamating land use and vegetation types with a moderately consistent fuel load and structure. The Potential Fuel Load assigned to each Vegetation Hazard Class (VHC) is generally representative of the higher fuel load expected for the typical vegetation types, landscape and site conditions within each Vegetation Hazard Class. This Potential Fuel Load of each Vegetation Hazard Class would approximate the 80th percentile fuel load of the "long unburnt condition" for the class (generally greater than 10 years without burning). The Vegetation Hazard Classes (VHC) mapped for the site and immediate surrounding area are presented in Figure 8 with Table 5 providing a description of them and their potential fuel load characteristics.

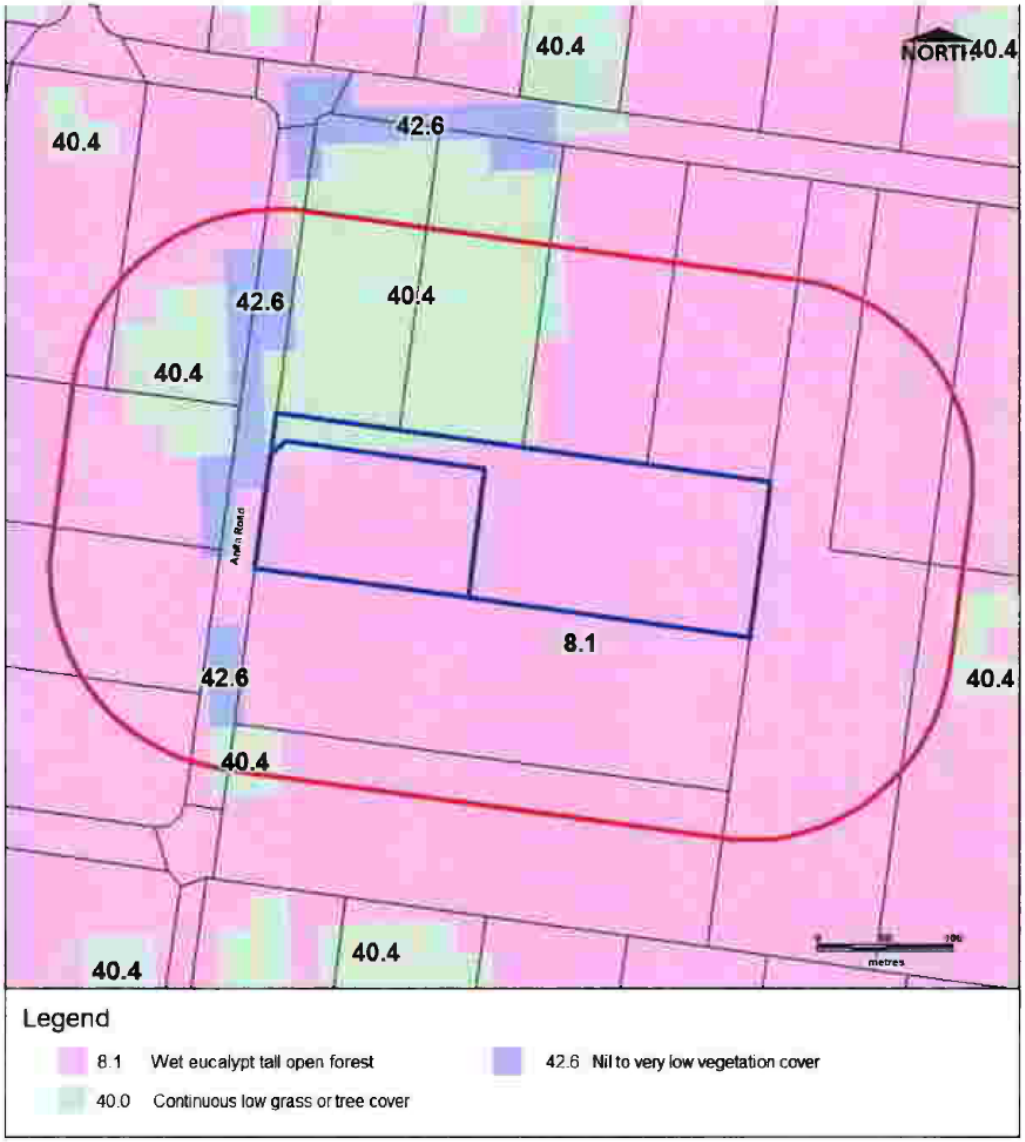


Figure 8: VHCs for the site and surrounding areas as identified by Queensland Government mapping

Table 5: Vegetation hazard class descriptions and 80th percentile potential fuel load

Vegetation Hazard Class (VHC)	Surface (t/ha)	Near surface (t/ha)	Elevated	Bark	Total
8.1 Wet eucalypt tall open forest	18.0	3.1	1.7	1.0	23.8
40.4 Continuous low grass or tree cover	0.5	4.0	0.5	0.0	5.0
42.6 Nil to very low vegetation cover	1.0	1.0	0.0	0.0	2.0

Fuel load data sources from Bushfire Resilient Communities Technical Reference Guide October 2019

The site was ground truthed and the VHCs present mapped to assist in the process of identifying the level of fuel loads and associated risk of bushfire in relation to the proposed development. The VHCs identified by the site assessment as occurring on the site and in the immediate surrounding area are presented in Figure 9 with Table 6 providing a description of them and their potential fuel load characteristics.

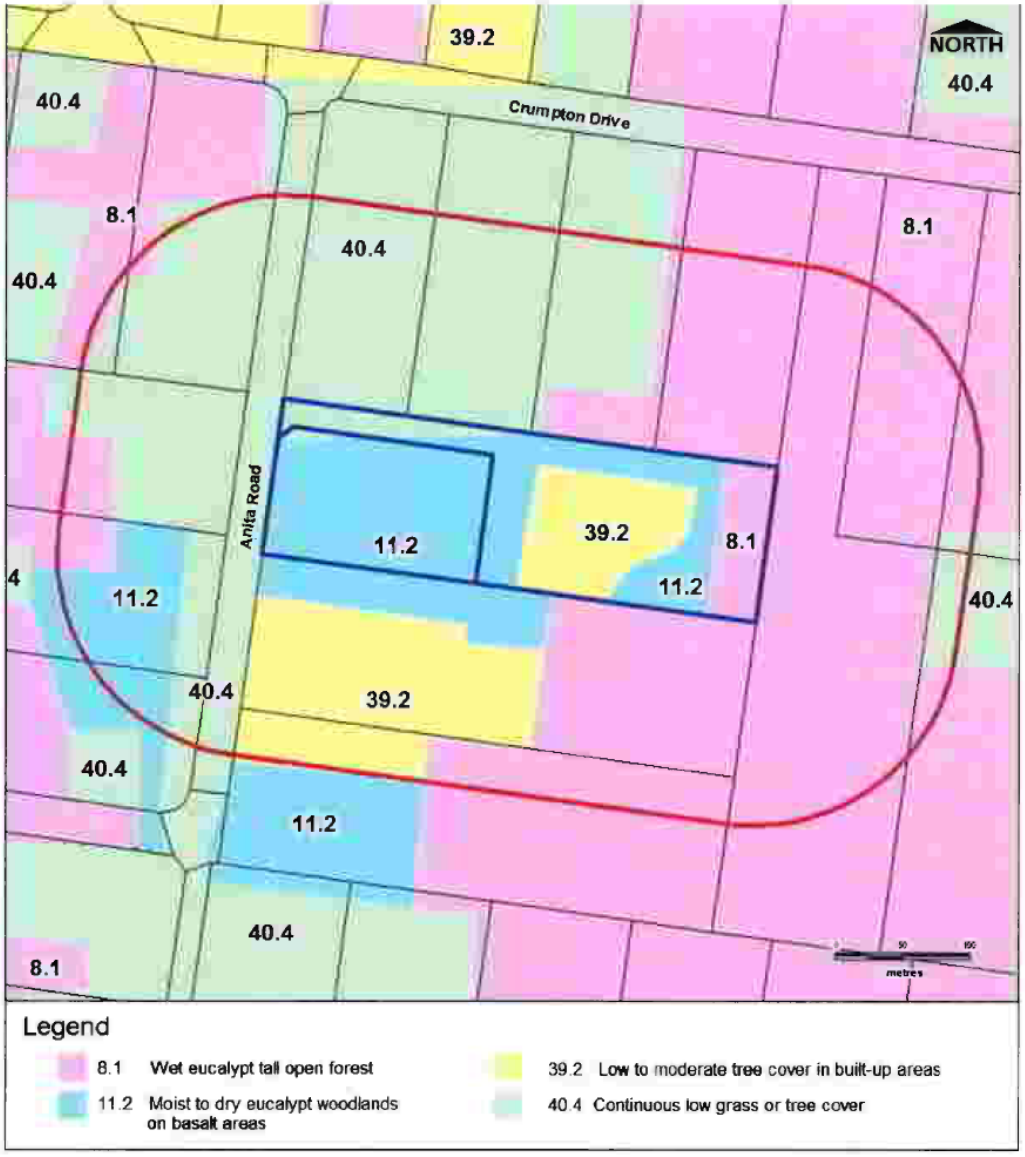


Figure 9: Ground truthed VHCs for the site and surrounding areas mapping

Table 7: Vegetation hazard class descriptions and 80th percentile potential fuel load

Vegetation Hazard Class (VHC)	Surface (t/ha)	Near surface (t/ha)	Elevated	Bark	Total
8.1 Wet eucalypt tall open forest	18.0	3.1	1.7	1.0	23.8
11.2 Moist to dry eucalypt woodlands on basalt areas	7.5	4.0	0.5	1.0	13.0
39.2 Low to moderate tree cover in built-up areas	2.0	3.0	2.0	1.0	8.0
40.4 Continuous low grass or tree cover	0.5	4.0	0.5	0.0	5.0

Fuel load data sources from Bushfire Resilient Communities Technical Reference Guide October 2019

Vegetation on the site, and to the north, west and south in the immediate surrounding area has been significantly modified over time due to historical land management practices and the establishment of rural residential living area and associated infrastructure (e.g. roads, dwellings, associated out buildings and establishment of lawns and landscaped grounds). This has resulted in extensive clearing and thinning of remaining vegetation and the removal of understorey vegetation. Consequently, the VHC originally mapped for the site and immediate surrounding area (8.1 Wet eucalypt tall open forest) does not accurately reflect the VHCs now present. Vegetation to the east and southeast remains in a more natural state.

Figure 9 shows the extent of the various VHCs that were identified in the site assessment process. Vegetation on much of the site more closely aligns with VHC 11.2 *'Moist to dry eucalypt woodlands on basalt areas'* in terms of vegetation structure and associated fuel loads with an area of 39.2 around the existing dwelling and further south of the site. Vegetation to the north and west of the site aligns with VHC 40.4 *'Continuous low grass or tree cover'*, with more extensive areas of VHC 8.1 *'Wet eucalypt tall open forest'* present to the east and southeast.

The following photos provide a visual representation of the VHCs and associated fuel loads present in the area.



Photo 8: VHC 8.1 *'Wet eucalypt tall open forest'* that originally cover much of the area. Note the density of trees and dense shrubby understorey.



Photo 9: VHC 11.2 *'Moist to dry eucalypt woodlands on basalt areas'* aligned with native vegetation on the majority of the site. Note the well-spaced trees and lack of shrubby understorey vegetation.



Photo 10: VHC 39.2 *'Low to moderate tree cover in built-up areas'* aligned with vegetation in the vicinity of the existing dwelling. Note the well-spaced trees and maintained lawn areas.



Photo 11: VHC 40.4 *'Continuous low grass or tree cover'* aligned with vegetation is present to the north and west of the site.

4.4 Potential Bushfire Hazard Class

A *'fit for purpose'* approach was undertaken to identify the bushfire risk present using the state-wide mapping methodology in conjunction with local-scale vegetation and slope maps. The location of ground-truthed VHCs on the site and in the surrounding landscape in conjunction with the underlying slope of land was utilised to develop Potential Bushfire Hazard Classes. Vegetation upslope of the site was allocated a slope of 0 degrees with vegetation downslopes being under slopes of 3 to 5 degrees. The Potential Fireline Intensity calculator was used to calculate the Potential Fireline Intensity (kw/m) to which a Potential Bushfire Hazard Class was attributed. Table 8 provides the various site attributes used to calculate the Potential Bushfire Hazard Class at representative locations around the site. Table 9 provides the correlation between Potential Fireline Intensity and Potential Bushfire Hazard Class.

Table 8: Attributes used to calculate the Potential Bushfire Hazard Class

Vegetation Hazard Class (VHC)	Potential Fuel Load (t/ha)	Potential Fire Weather Severity (FFDI)	Slope under hazardous vegetation (deg)	Potential Fireline Intensity (kw/m)	Potential Bushfire Hazard Class
8.1 Wet eucalypt tall open forest	30	60	2	38,434	High
11.2 Moist to dry eucalypt woodlands on basalt areas	13	60	0	6,014	Medium
39.2 Low to moderate tree cover in built-up areas	9.6	60	0	1,984	Low hazard
40.4 Continuous low grass or tree cover	5	60	0	775	Low hazard

Table 9: Potential bushfire hazards classes

Potential Bushfire Intensity Class	Potential Fire-line Intensity
1. Very high (potential intensity)	40,000+kW/m
2. High (potential intensity)	20,000 – 40,000kW/m
3. Medium (potential intensity)	4,000 – 20,000kW/m
4. Low hazard	<4,000kW/m

Figure 10 identifies the Potential Bushfire Hazard for the site and immediate surrounding areas (within a radius of 150 metres of the site). Areas mapped with a Potential Bushfire Hazard Class of '*Low hazard*' were classified as '*Potential Impact Buffer*'.

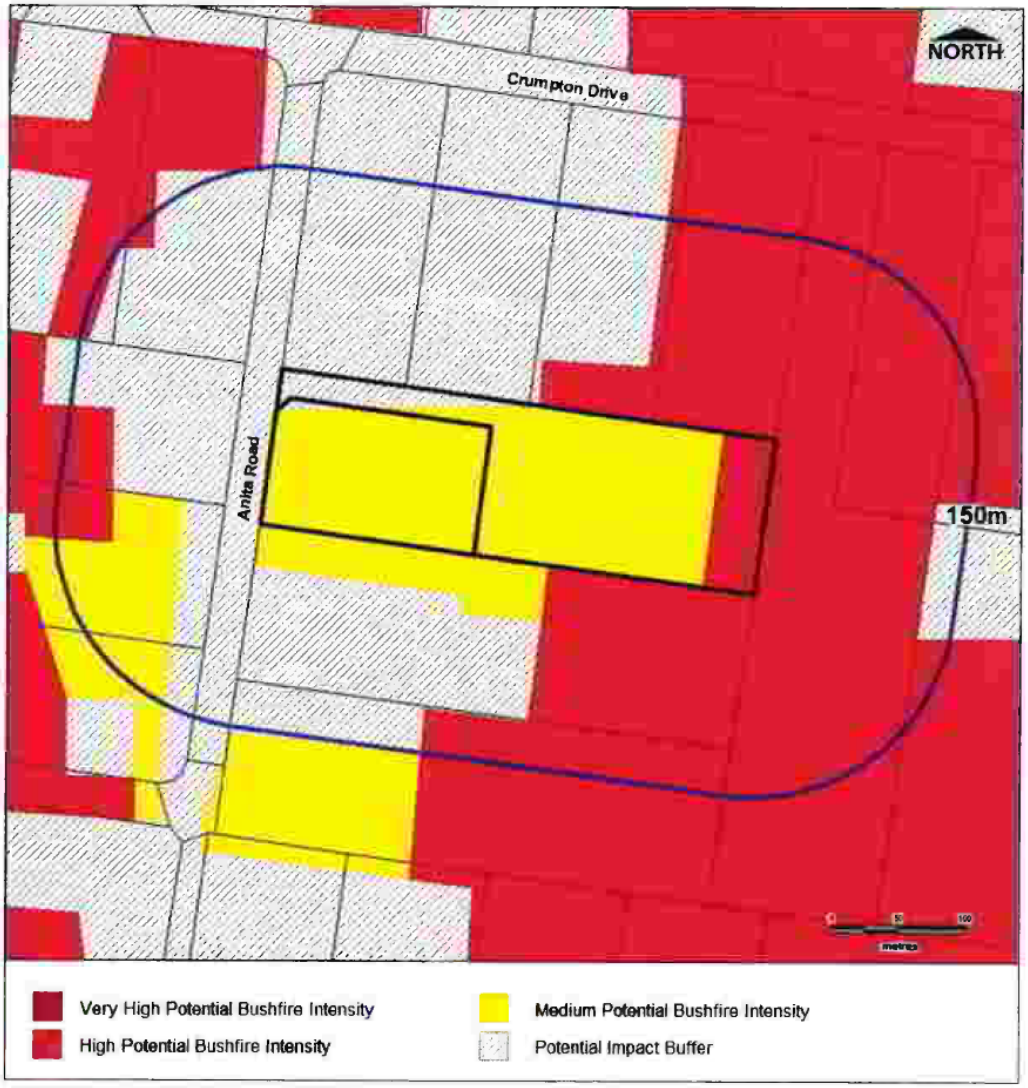


Figure 10: Bushfire Hazard map for the site created using the state-wide SPP mapping methodology.

The location of vegetation in relation to the site is a key attribute to be considered when mapping bushfire hazards. In this situation, most of the potentially hazardous vegetation is located upslope downslope of the site, with hazards modified by minimal slopes and historical and current land and vegetation management practices. Additional details on the Bushfire Attack Level (BAL) that the site may be exposed to is provided in Appendix 3.

4.5 Fire run

The length of fire run influences the area in which a fire has to develop and reach its potential maximum intensity for the conditions prevailing at the time. It is important to assess the length of fire run to determine the potential scale and intensity of fires that may occur in the area. Fire runs less than 1 kilometre in length are generally considered to pose a lesser risk than those with a longer run. Fire runs may be modified by natural features such as creeks, rock formation and vegetation types and be influenced by weather and fuel conditions. Figure 11 shows the location of possible fire runs and areas of the development that could potentially be impacted on by a bushfire.

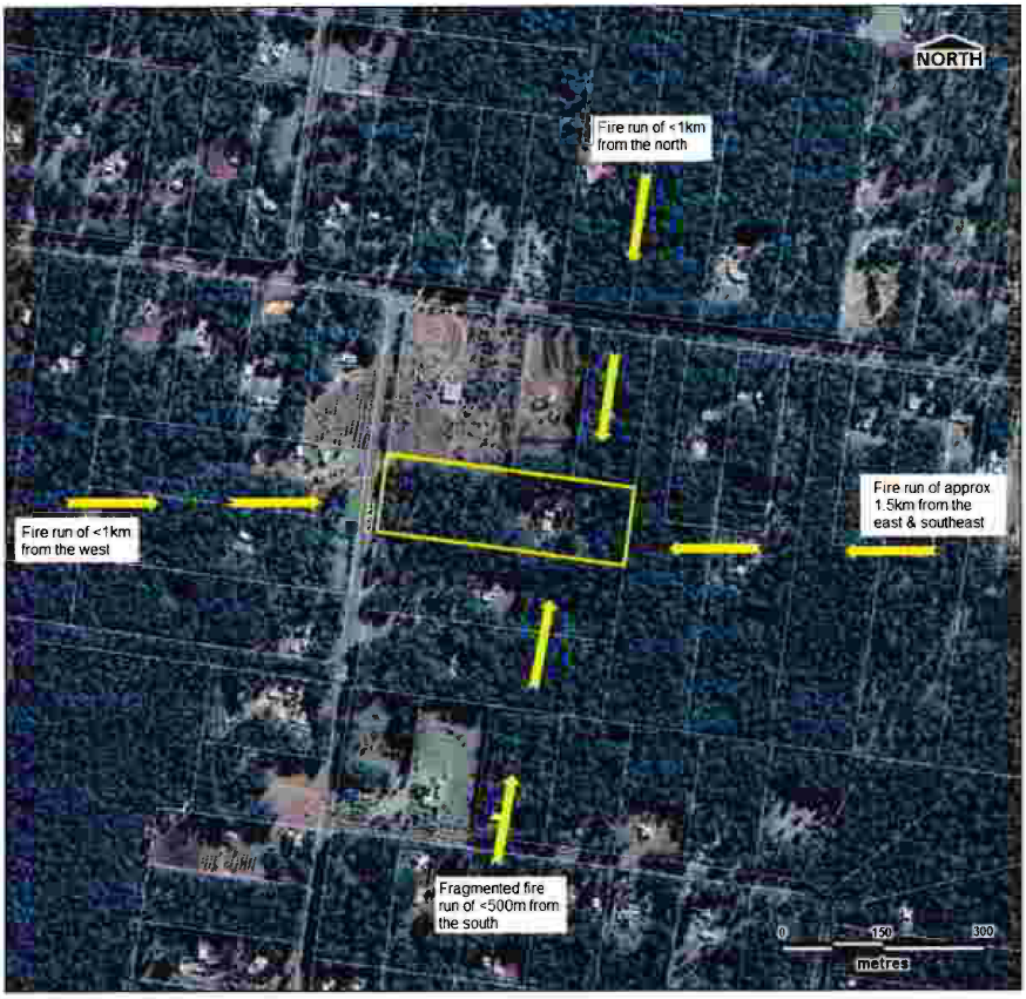


Figure 11: Direction of potential fire run and associated threat for bushfire and ember attack on the site. Imagery sourced from Google Earth Pro that was captured on 7 July 2021.

Fire runs in the area are limited due to the developed and maintained nature of the site and surrounding landscape and fragmentation of vegetation by roads, clearing for agriculture and built infrastructure (e.g. dwellings and associated outbuildings) historical and current land management practices. Fire runs of less than 1 kilometre are identified from the north and west, 500 metres from the south with a longer fire run of approximately 1.5 kilometres from the east and southeast. Fire runs are moderated by clearings around dwellings and associated outbuildings, limited horticultural cropping areas (largely tree crops) and constructed roads. The intensity of bushfires approaching the site are moderated by the gentle slopes in the area in the order of 2 degrees or less.

5.0 Mitigating potential bushfire impact

A number of actions should be implemented to mitigate the potential impacts of bushfire on the development. This suite of bushfire mitigation measures, when implemented in an integrated manner can achieve a better outcome for the site than when used individually and in isolation from other measures. This suite of potential measures is illustrated in Figure 12.

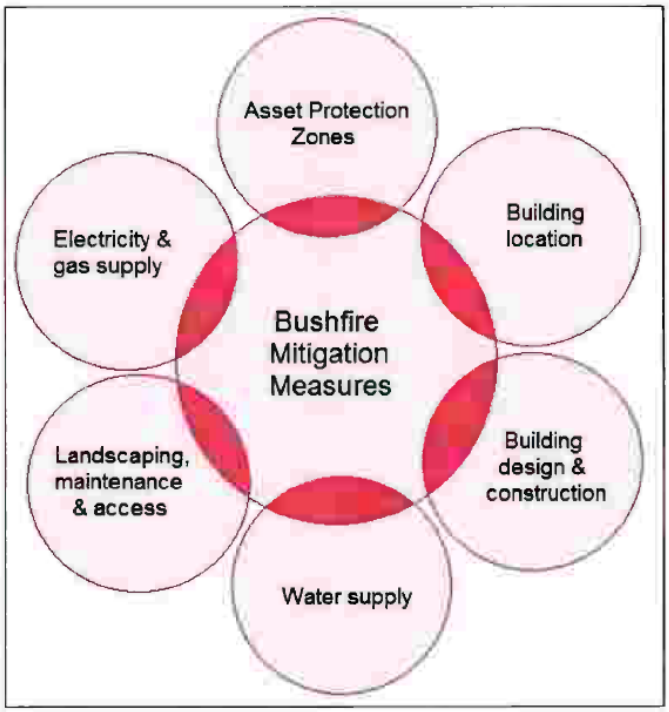


Figure 12: Bushfire mitigation measures in combination. (Redrawn from Guideline for Building in Bushfire Prone Areas; Emergency Management Victoria 2016).

5.1 Building location and separation

The location of buildings and their relationship with vegetation in the immediate surrounding area is critical for maximising their survival in the event of a bushfire. A BLE has been identified for Lot 1 in an area of least hazard to ensure that a dwelt to that a dwelling can be safely built with adequate separation distances being achieved between areas of potentially hazardous understorey vegetation to enable a Bushfire Attack Level (BAL) of no greater than 29 to be achieved. Building issues can be adequately addressed during the design and construction phase with compliance to the National Construction Code and the Australian Standard for construction of buildings in bushfire-prone areas.

Appendix 3 Calculation of bushfire hazard contains additional information on the level of bushfire hazard present.

5.2 Asset Protection Zones

The establishment of an Asset Protection Zone (APZ) is an effective mechanism for reducing bushfire hazards that a building may be exposed to. An APZ is a fuel-reduced area surrounding a built asset or structure. Potential bushfire fuels should be minimised within an APZ,

so that the vegetation within it does not provide a path for the transfer of fire to the asset either from the ground level or through the tree canopy. An APZ, if designed correctly, implemented and maintained regularly, will reduce the risk of:

(a) direct flame contact on the asset;
(b) damage to the built asset from intense radiant heat; and
(c) ember attack.

The APZ is located between the asset and the bushfire hazard and consists of an Inner Protection Area (IPA) and an Outer Protection Area (OPA). The **IPA** is the area closest to the asset and creates a fuel-managed area which can minimise the impact of direct flame contact and radiant heat on the development and be a defendable space. Vegetation within the IPA should be kept to a minimum level. Litter fuels within the IPA should be kept below 1cm in height and be discontinuous. The **OPA** is located between the IPA and the unmanaged vegetation. Vegetation within the OPA can be managed to a more moderate level with the reduction of fuel in this area substantially decreasing the intensity of an approaching fire. It also assists restricting the pathways to crown fuels; reducing the level of direct flame, radiant heat and ember attack on the IPA and built assets. Figure 13 provides a visual representation of a building, separation from areas of potentially hazardous vegetation and the creation of an APZ.

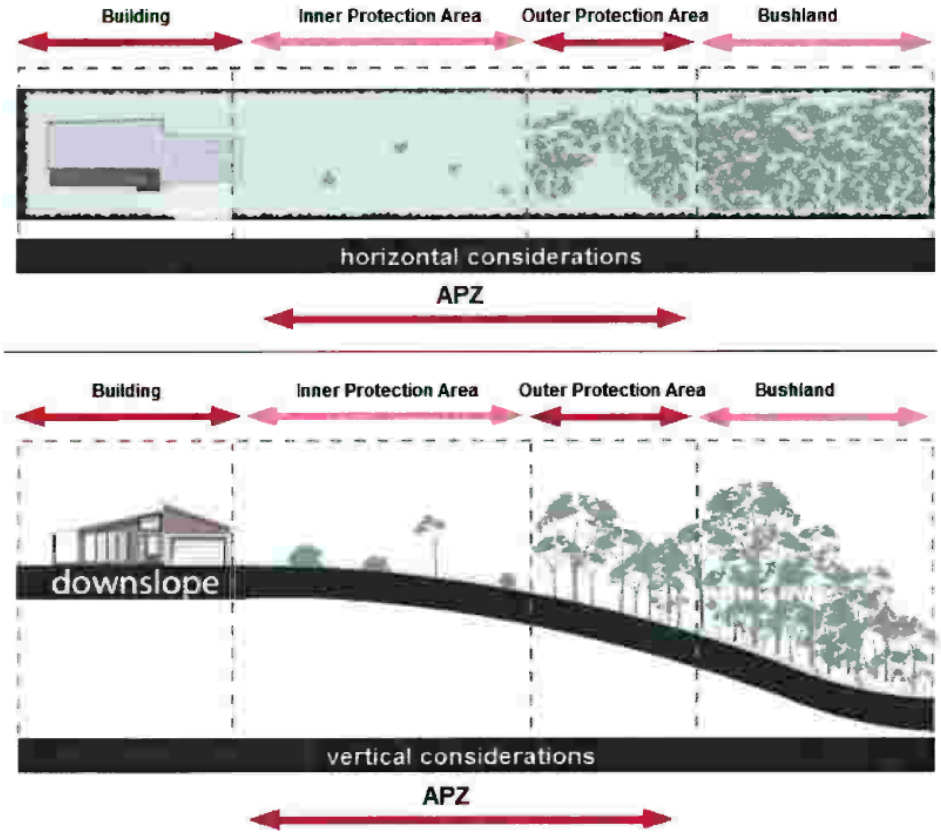


Figure 13: Building envelopes and their relationship to potentially hazardous vegetation. (Planning for Bushfire Protection 2017)

Additional details on creating and managing an APZ are provided in Appendix 5 Living in a Bushfire Prone Area.

5.3 Building design and construction

Careful design of new buildings in areas of mapped bushfire hazard needs to be undertaken, which includes consideration of site characteristics. Buildings should be constructed to meet the requirements of the relevant building standards and Council bylaws prevailing at the time to enable a building to be designed and constructed according to the site conditions. This includes the Building Code of Australia (BCA 2019) and the Australian Standard for "Construction of buildings in bushfire-prone areas (AS3959 – 2018).

A Bushfire Attack Level (BAL) of no greater than 29 is identified for a dwelling on Lot 1 dependent on the extent of vegetation management works undertaken. A site-specific Bushfire Building Report should be prepared at the time of constructing a dwelling on Lot 1 that takes into consideration location of the dwelling, vegetation present and level of vegetation management activities that are undertaken.

AS 3959-2018 states *'In assessing vegetation classes for forests, woodlands and rainforests, the classified vegetation will be determined by the unmanaged understorey rather than either the canopy (drip line) or trunk of any trees'.*

Appendix 3 Calculation of bushfire hazard contains information on the potential Bushfire Attack Levels that could be experienced on the site with Appendix 4 providing an explanation of BAL's present.

5.4 Access and egress

Unhindered access and egress is required to the site to enable ready access by emergency services in a time of need. Both Lots are provided with access to Anita Road on the western boundary of the site which is of sealed all-weather construction which provides unhindered ingress and egress to both lots.



Photo 12: Anita Road is located on the western boundary of the site and is of sealed all-weather construction.

5.5 Vegetation management

Vegetation on the site comprises landscaped grounds and maintained grounds, open eucalypt woodland with a mown grassy understorey. Neighbouring properties to the north, west and south are also managed in a manner to prevent the accumulation of hazardous fuel loads. Areas of unmanaged vegetation are located to the east and southeast of the site. Areas suitable for the construction of a dwelling are well-separated from areas of unmanaged vegetation. Ongoing vegetation management and control of woody weeds (such as lantana) on the site is preventing the potential for hazardous fuel loads to accumulate.



Photo 13: The site is kept in a low fuel load state by regular slashing and related property maintenance.

5.6 Firebreaks and fire trails

The driveway on the northern boundary of the site that services the existing dwelling located on Lot 2 serves as effective firebreak. A slashed firebreak maintained on the southern and eastern boundaries of the site, with an additional firebreak located on the common boundary of Lots 1 and 2. The perimeter firebreak is readily accessible from Anita Road.

5.7 Water supply

The SPP identifies water supply requirements requires that an adequate water supply is provided for fire-fighting purposes. An appropriate static water supply (in bushfire prone areas where reticulated supply is not provided) to support effective emergency services response includes a water tank that is available solely for firefighting purposes and can be accessed by firefighting appliances. The water tank is to be provided within 10 metres of each building (other than a class 10 building), which:

(a) is either below ground level or of non-flammable construction
(b) has a take-off connection at a level that allows the following dedicated, static water supply to be left available for access by firefighters:
    i. 10,000 litres for residential buildings;
(c) is protected from bushfire attack, including shielding of tanks and pumps in accordance with AS 2304–2011 Water storage tanks for fire protection systems;
(d) allows medium rigid vehicle (15 tonne fire appliance) clear access within six metres of the tank;

(e) if serviced by a rural fire brigade, is provided with rural fire brigade tank fittings of a 50 millimetre ball valve and male camlock coupling and, if underground, an access hole of 200 millimetres (minimum) to accommodate suction lines
(f) is clearly identified by directional signage at the street frontage

5.8 Landscaping

The design, management and maintenance of the landscape in the immediate vicinity of buildings are fundamental to the chances of survival of both people and buildings in a bushfire event. Vegetation provides the major fuel element in a bushfire. All vegetation, regardless of how succulent or green it is will eventually burn, provided the fire has sufficient intensity. Contrary to common belief, the area around the building does not need to be totally devoid of vegetation, and in fact some trees in this area can serve a valuable role in trapping embers before they impact on the asset. It is important however that:

(a) There are substantial gaps (of at least 2 - 5m) between the canopies of any trees in this area;
(b) There are no continuous fuels linked horizontally or vertically. (Smooth barked trees provide a lesser fuel ladder to the canopy than rough barked or ribbon barked species);
(c) Tree canopies do not overhang the roof;
(d) Surface and near surface fuels are kept to a minimum. This includes lawns to be kept short (less than 10 cm in height) and removal of accumulated leaf and bark litter;
(e) Avoidance of flammable mulches on garden beds such as woodchip or straw within 10 metres of dwellings; and
(f) Use of non-flammable mulches such as river pebbles or stones on garden beds near dwellings and buildings.

Guidelines for landscaping in fire prone areas are provided in Appendix 6.

5.9 Prepare, Act, Survive

It is important that residents are well prepared during times of high fire danger and have well made plans that can be readily enacted in a time of bushfire emergency. This includes having plans in place to guide actions on days of extreme and catastrophic, identifying safe refuge areas and planning to either 'stay' or 'go'. The key message being; Prepare, Act and Survive. The Queensland Fire and Emergency Services have information readily available to assist people living in bushfire prone areas to develop their own plans. Details can be downloaded from:

www.ruralfire.qld.gov.au/BushFire_Safety/Pages/default.aspx

5.10 Maintenance of bushfire mitigation measures

This fire report has been prepared on the basis that bushfire mitigation measures identified are implemented and maintained into the foreseeable future. Failure to maintain these measures may contribute to the development being exposed to a higher level of bushfire threat and attack.

6.0 Planning requirements

The Queensland Government's State Planning Policy (SPP) for Natural Hazards (Bushfire) contains development assessment requirements that developments in bushfire prone areas are required to address. Likewise, the SBRC's Bushfire hazard overlay code contains provisions to protect the safety of people and property in bushfire risk areas. The Code proposes Performance outcomes and Acceptable outcomes which have been addressed through Proposed Solutions. A summary of compliance with the SPP and SBRC Bushfire hazard overlay code is presented in Table 10.

Table 10: Summary of compliance to the Queensland SPP and LVRC Areas of Natural and Environmental Significance Overlay Code

Development Action	Compliance		Reference		
	Queensland State Planning Policy	SBRC Bushfire Hazard Overlay Code	QLD SPP Table 11	QLD SPP Table 12	SBRC Table 13
Risk mitigation	✓	✓	PS1	PS1.1	PS15.2-3
Water access	✓	✓	PS1 (iii), PS2 (i)		PS15.3 (b)
Access and Egress	✓	✓	PS1 (v), PS2 (ii)	PS9	PS21.3 (d)
Vegetation management	✓	✓	PS1 (i), PS2 (ii), PS3 (i), (iii), (iv),		PS17.1
Asset Protection Zones	✓	✓	PS1 (i), PS3 (ii)	PS1.2	PS17.1 (b)
Location of buildings	✓	✓	PS1 (i)	PS2	PS15.3 (a), PS17.1 (a)
Building design & construction	✓	✓	PS1 (ii)		PS15.3 (a)
Hazardous materials	✓	✓	PS4		N/A
Community infrastructure	N/A	N/A	N/A		N/A

6.1 State Planning Policy

The State Planning Policy (July 2017) provides a comprehensive set of principles which underpin Queensland's planning system to guide local government and the state government in land use planning and development assessment. The State's interest in relation to natural hazards is: "The risks associated with natural hazards are avoided or mitigated to protect people and property and enhance the community's resilience to natural hazards". The State Planning Policy (July 2017) development assessment requirements have been addressed in Table 11. Additional measures are included in Table 12 that address relevant items from the example planning scheme assessment

benchmarks as identified in the document Natural hazards, risk and resilience state interest – Bushfire (Queensland Government May 2021)

Table 11: State Planning Policy development assessment requirements

Assessment Benchmark	Development assessment requirement	Proposed solution
Applicable development	**A development application for a material change of use, reconfiguration of a lot or operational works on premises in any of the following:** (i) bushfire prone areas (ii) flood hazard areas (iii)landslide hazard areas (iv)storm tide inundation areas (v) erosion prone area.	Development is the Reconfiguring a Lot that will result in the creation of Rural Residential Lots with areas of 1.5 and 2.74 hectares that is located within a mapped bushfire hazard area.
3	**Bushfire, flood, landslide, storm tide inundation, and erosion prone areas outside the coastal management district:** Development other than that assessed against (1) above, avoids natural hazard areas, or where it is not possible to avoid the natural hazard area, development mitigates the risks to people and property to an acceptable or tolerable level.	**PS1** The development is located in an area of mapped very high potential bushfire intensity by the Queensland Government Development Assessment Mapping System Natural Hazards Risk and Resilience mapping (Bushfire). A site assessment was conducted to confirm the VHCs and the potential bushfire intensity level present. A Bushfire Management Plan was prepared that identifies measures to mitigate the risks to people and property to an acceptable level. Included in the hazard assessment were; identification of vegetation hazard class (VHC) present and the calculation of Potential Bushfire Intensity and Bushfire Attack Levels. The Bushfire hazard assessment identified that the site is contained within an area of Medium Potential Bushfire Intensity with areas of Bushfire Potential Impact Buffer to the north, west and south and areas of High Potential Intensity to the east and southeast. Mitigation measures identified include: ▪ Establishment of an Asset Protection Zones at the time of constructing a new dwelling on Lot 1; ▪ Buildings to comply with relevant standards of building construction including the Building Code of Australia (BCA) and the Australian Standard Construction of buildings in bushfire-prone areas AS3959-2018. A BAL in the order of 19 to 29 is identified for Lot 1, dependent on the extent of vegetation management actions undertaken; ▪ Provision of an adequate water supply that can be readily accessed for fire-fighting purposes; and

Assessment Benchmark	Development assessment requirement	Proposed solution
		▪ Constructed ingress and egress to all Lots on the site. Provided the measures identified in the bushfire management plan are implemented and maintained, the bushfire risk to people, property and infrastructure can be kept to an acceptable level.
4	**All natural hazard areas:** Development supports and does not hinder disaster management response or recovery capacity and of capabilities.	**PS2** Development is a Reconfiguring a Lot that will result in the creation of 2 rural residential lots with areas of 1.5 and 2.74 hectares in an area mapped by the Queensland Government Development Assessment Mapping System as comprising Very High Potential Bushfire Intensity. The Bushfire hazard assessment identified that the site is contained within an area of Medium Potential Bushfire Intensity with areas of Bushfire Potential Impact Buffer to the north, west and south and areas of High Potential Intensity to the east and southeast. The development actively assists and supports disaster management capacity and capabilities by: (i) Providing ready access to a water supply suitable for fire-fighting purposes. This can be achieved by provision of a dedicated on-site water storage system that permanently holds a minimum of 10,000 litres for fire-fighting purposes; (ii) Provision of all-weather constructed access to all Lots; (iii) Ongoing vegetation management of the site to prevent potentially hazardous fuel loads from accumulating.
5	**All natural hazard areas:** Development directly, indirectly and cumulatively avoids an increase in the severity of the natural hazard and the potential for damage on the site or to other properties	**PS3** The development takes into consideration topography, location of existing vegetation and potential natural hazards. The site comprises open grassed areas where residential Lots are to be established to eucalypt woodland areas with a grassy to shrubby understorey. Mitigation measures identified include: ▪ Maintenance of vegetation (including understorey) on the site to prevent the accumulation of hazardous fuel loads; ▪ Establishment of Asset Protection Zones around a new dwelling on Lot 1 at the time of its construction; ▪ Effective and ongoing management of woody environmental and highly flammable weeds on the site such as Lantana in the vicinity of dwellings; and

Assessment Benchmark	Development assessment requirement	Proposed solution
		▪ Landscaping near buildings to consist of plants that have low flammability.
6	**All natural hazard areas:** Risks to public safety and the environment from the location of hazardous materials and the release of these materials as a result of a natural hazard are avoided.	**PS4** Development is the subdivision one (1) lot into two (2) in an area zoned as Rural Residential. It does not involve the location or use of hazardous materials on the site. In this situation there is no potential for the release of these materials as a result of a natural hazard event.
7	**All natural hazard areas:** The natural processes and the protective function of landforms and the vegetation that can mitigate risks associated with the natural hazard are maintained or enhanced.	**PS5** The development seeks to maintain and enhance the protective function of landforms and vegetation present on the site by: ▪ Ongoing and effective management of environmental weeds on the site; ▪ Retaining the natural landform by minimising the extent of major earthworks required, and ▪ Ensuring that any landscape plantings are compatible with the natural environment and do not contribute to an elevated bushfire hazard. Incorporation of these measures in the development will enable natural processes and functions to continue and aid in the mitigation of risks associated with potential natural hazards.

Table 12: State Planning Policy planning scheme assessment benchmarks

Performance outcomes	Acceptable outcomes	Proposed solutions
Section A Reconfiguring a lot (RaL) – where creating any number of lots of more than 2,000 square metres		
PO1 The subdivision layout: (a) enables future buildings to be located away from slopes and land forms that expose people or property to an intolerable risk to life or property; and (b) facilitates emergency access and operational space for firefighters in a reduced fuel area between future buildings and structures and hazardous vegetation, that reduce risk to an acceptable or tolerable level	**AO1.1** A development footprint plan is identified for each lot that avoids ridgelines, saddles and crests where slopes exceed 28 per cent. **AO1.2** A development footprint plan is identified for each lot that is separated from the closest edge to the adjacent mapped medium, high or very high potential bushfire intensity area by: (a) a distance that achieves a radiant heat flux level of 29 kW/m2 or less at all development footprint plan boundaries.	**PS1.1** Development is the Reconfiguring a Lot that will result in the creation of 2 Rural Residential Lots with areas of 1.5 and 2.74 hectares. It avoids ridgelines, saddles and crests and contains slopes in the order of 3% or less than 2 degrees. **PS1.2** Development was assessed to be located within a Bushfire Potential Impact Buffer and adjacent to an area of Medium potential bushfire intensity to the north and east. (a) The establishment of an Asset Protection Zone with a minimum width of 15 metres from areas of medium potential bushfire intensity will achieve a radiant heat flux level of 16.37 kW/m².

Performance outcomes	Acceptable outcomes	Proposed solutions
PO2 The subdivision layout enables: (a) future buildings to be located as close as possible to property entrances to facilitate safe evacuation during a bushfire event; and (b) future site access to be located and designed to allow safe evacuation of the site by occupants and maintain access by emergency services under critical event conditions	**AO2** A development footprint plan is identified for each lot that: (a) is located within 60 metres of the street frontage; and (b) sited to enable a route between the development footprint plan and the street frontage with a gradient that does not exceed of 12.5 per cent.	**PS2** (a) a building location envelope (BLE) is identified for Lot 1 that enable a dwelling to be safely located with ready access to Anita Road on the western boundary of the site, with emergency access available to the east via the BVRT (b) the land falls to the southeast from Anita Road with a gradient in the order of 3%.
Section D **Reconfiguring a lot (RaL) – where creating additional lots for the purpose of residential development and a reticulated water supply is not provided:**		
PO9 The subdivision layout provides for perimeter roads or fire trail and working areas that are accessible by the type of fire-fighting vehicles servicing the area, to facilitate emergency access and operational space for fire-fighting, maintenance works and hazard reduction activities	**AO9** The subdivision layout includes: (a) a fire trail and working area designed and constructed in accordance with the design parameters in Table 2 (*Natural hazards, risk and resilience state interest –Bushfire Example planning scheme assessment benchmarks*) that separates the residential lot or development footprint plan from adjacent mapped medium, high or very high potential bushfire intensity areas; or (b) a perimeter road designed and constructed in accordance with Measure 8.1. (*Natural hazards, risk and resilience state interest –Bushfire Example planning scheme assessment benchmarks*)	**PS9** (a) a perimeter firebreak is present on the site which comprises a constructed driveway on the northern boundary and a slashed break for the balance of the site. An Asset Protection Zone with a minimum width of 15 metres is identified for the BLE on Lot 1. This APZ effectively separates the identified building envelope from areas of Medium potential bushfire intensity and is suitable for use by QFES rural fire brigade vehicles (b) a perimeter road is not prescribed for the reasons identified in PS9(a), however the site is currently maintained so that: (a) a trafficable area with a minimum width of 4 metres that can accommodate a rural firefighting vehicle is currently available around the perimeter of the site; and (b) a minimum vertical clearance of 4.8 metres is achieved from overhanging canopy vegetation; and c. there are no adjacent inhibiting embankments or retaining walls present on the site.

6.2 South Burnett Regional Council Planning Scheme - Bushfire

The SBRC Planning Scheme (2021 V. 1.4) contains a rural residential zone code which includes a bushfire hazard overlay code. The purpose of the rural residential zone code is to provide for residential uses and activities on large lots, including lots for which the local government has not provided infrastructure and services.

This code identifies performance outcomes and acceptable outcomes. Where appropriate, this Code has been applied to the development and outcomes proposed to comply with the accepted development and assessment benchmarks. Table 13 provides responses to the bushfire hazard overlay component of the code.

Table 13: SBRC Rural Zone Bushfire Hazard Overlay Code – Accepted development subject to requirements and assessable development

Performance outcomes	Acceptable outcomes	Proposed solutions
PO15 Development is not placed at unacceptable risk from bushfire, does not increase the extent or severity of bushfire and maintains the safety of people and property from bushfire.	**AO15.1** Development does not occur in areas mapped as Very High or High Potential Bushfire Intensity Areas on the SPP Interactive Mapping (Plan Making). **or** **AO15.2** A written assessment by a suitably experienced or qualified person confirms that the site is of Low Bushfire Hazard. **or** **AO15.3** For areas mapped as Medium Potential Bushfire Intensity Areas on the SPP Interactive Mapping (Plan Making), bushfire risk is mitigated through a Bushfire Management Plan incorporating: a. Lot design and the siting of buildings and uses so: i) high intensity uses are located on the least bushfire prone area on the site and activities least susceptible to fire are sited closest to the bushfire hazard; and ii) efficient emergency access is optimised; and iii) bushfire risk is effectively minimised having regard to aspect, elevation, slope and vegetation. b. Including firebreaks that provide adequate: i) setbacks between buildings/ structures and hazardous vegetation; and	**PS15.2** A Bushfire Management Plan was prepared that identifies measures to mitigate the risks to people and property to an acceptable level. A Bushfire Attack Level (BAL) in the order of 19 to 29 was identified for buildings on Lot 1. This is dependent the extent of vegetation management actions undertaken. **PS15.3** A bushfire hazard assessment was undertaken of the site: a. A bushfire Management Plan has been prepared for the site which identifies standard of building required, emergency fire-fighting water supplies and ingress and egress requirements. New buildings to be constructed are to comply with current relevant building standards. This includes the Building Code of Australia (Parts 1 and 2) and the Australian Standard for Building in bushfire-prone areas (AS3959-2018). b. A future dwelling on Lot 1 can achieve sufficient separation from areas of potentially hazardous understorey vegetation in the surrounding landscape. Anita Road is located to the west of the site, lots to the west and south of the site are maintained in a reduced fuel load state, with the lot to the north comprising continuous low grass or tree cover. These measures allow for unhindered access by emergency service vehicles to the site. c. The development is the subdivision of 1 lot into 2 in an existing rural residential area. Construction of a

Performance outcomes	Acceptable outcomes	Proposed solutions
	ii) access for fire fighting or other emergency vehicles; and c. Road access for fire-fighting appliances and firebreaks are provided through a perimeter road that separates the use from areas of bushfire hazard and that road has a minimum cleared width of 20 metres; and d. Where a reticulated water supply is not available and development involves buildings with a gross floor area greater than 50m2, one tank within 100m of each residential building that has: i) fire brigade tank fittings; and ii) 25,000 litres dedicated for fire-fighting purposes.	new perimeter road is not required as both proposed lots are accessed from Anita Road. The fragmented and modified nature of vegetation on adjoining properties limits the potential for wildfire to significantly impact the site. d. The proposed development will not be connected to a reticulated water supply. A dedicated fire-fighting water supply is to be provided at the time of constructing a dwelling on Lot 1 in accordance with AO15.3. It is noted that the SPP 'Natural Hazards, Risk and Resilience – Bushfire' identifies that a dedicated water supply of 10,000 litres is to be provided.
PO16 Community infrastructure in any area mapped as Very High to Medium (Potential Intensity) Areas are able to function effectively during and immediately after bushfire events.	**No outcome specified**	**Not applicable**
PO17 Major risks to the safety or property and to the wellbeing of occupants in areas mapped as Very High to Medium (Potential Intensity) Areas is minimised through appropriate siting, servicing and managing of residential premises.	**AO17.1** New dwellings on land mapped as Very High to Medium (Potential Intensity) are located: a. Centrally within existing cleared areas on a lot which allows a regular shaped area (with a minimum dimension of 50m) of 5,000m2 to be identified that: (i) is free of highly combustible vegetated areas; and (ii) is on southerly to easterly facing slopes not exceeding 15% gradient; or (iii) on flat lands at the base of north to western facing slopes not exceeding 15% gradient. b. A fire protection buffer is established around the complete perimeter of the	**PS17.1** The development site was mapped by the Queensland Government as being subject to a Very High Potential Intensity bushfire hazard. The site assessment identified that a bushfire hazard rating of Medium was present. a. A new dwelling can be established centrally on Lot 1, and the following items are noted: (i) The site is free of highly combustible vegetated areas (e.g. shrubby understorey vegetation such as lantana), with neighbouring properties being managed in a low fuel load state; and (ii) is on relatively level site with the land falling from the northwest to the southeast with an underlying slope (gradient) of 3% or less than 2 degrees.

Performance outcomes	Acceptable outcomes	Proposed solutions
	dwelling unit within a lot for a minimum width of 50m	b. The establishment of an Asset Protection Zone for a minimum radius of 15 metres will enable a dwelling to achieve a Bushfire Attack Level in the order of 19 to 29.

7.0 Conclusion

The bushfire assessment of the site identified that the entire site is located within an area assessed to comprise a Medium Potential Bushfire Intensity with areas of Potential Bushfire Impact Buffer to the north, west and south, and areas of High Potential Bushfire Intensity to the east and southeast. A Bushfire Attack Levels (BAL) for the BLE identified for Lot 1 is in the order 19 to 29, dependent on the extent of vegetation management actions undertaken. The bushfire risk to built assets can be effectively managed by provision of ready ingress and egress to the site from Anita Road, establishment of an asset protection zone with a minimum width of 15 metres around the dwelling, ongoing management of the site to maintain it in a low fuel load state (less than 5 tonnes per hectare) and the provision of a dedicated fire-fighting water supply at the time of constructing a dwelling on the site. Building measures can be adequately addressed at the design and construction phase through the application of the National Construction Code and the Australian Standard Construction of buildings in bushfire-prone areas (AS3959-2018) and ongoing vegetation management.

8.0 Recommendations

The following recommendations are made for the proposed development with reference to the ecological values and bushfire management requirements of the site:

- That ready access be provided from Anita Road to Lot 1 that is suitable for use by QFES emergency service vehicles.
- That an Asset Protection Zone with a minimum width of 15 metres be established and maintained on the north-western and eastern boundaries of Lot 1 at the time of establishing a dwelling on the site.
- That a dedicated fire-fighting water supply with a minimum capacity of 10,000 litres be provided at the time of constructing a dwelling on Lot 1.
- That buildings are designed and constructed to meet the requirements of the relevant building standards prevailing at the time. This includes the Building Code of Australia (BCAC), the Australian Standard for Construction of buildings in bushfire-prone areas (AS3959 – 2018) and relevant Council bylaws and building regulations.
- That bushfire mitigation measures identified in this bushfire management report are implemented and maintained.

9.0 References

Australian Standard; 2018. *Construction of Buildings in Bushfire-prone Areas (AS3959–2018)*. Sydney.

Building Code of Australia (BCA); May 2019. *National Construction Code Volumes 1 and 2.*

Emergency Management Victoria; 2016. *Guideline for Building in Bushfire Prone Areas*. Melbourne.

Google Earth; 2022.

Gould JS, McCaw WL, Cheney NP, Ellis PF, Knight IK, Sullivan AL; 2008. *Project Vesta: Fire in Dry Eucalypt Forest.* Fuel Structure, Fuel Dynamics and Fire Behaviour, CSIRO publishing.

Leonard, J, Newnham, G, Opie, K, and Blanchi, R; 2014. *A New Methodology for State-wide Mapping of Bushfire Prone Areas in Queensland.* CSIRO, Australia.

NSW Rural Fire Service; 2006 and 2017. *Planning for Bush Fire Protection*. Sydney.

Queensland Development Assessment Mapping System:
https://sara.dsdip.esriaustraliaonline.com.au/saraviewer/

Queensland Department of Resources website; 2022.

https://www.don.qld.gov.au/

Queensland Government SPP Interactive Mapping System; 2022.

http://www.dilgp.qld.gov.au/planning/state-planning-instruments/spp-interactive-mapping-system.html

Ramsay, C & Rudolph, L.; 2003. *Landscape and Building Design for Bushfire Areas.* CSIRO,

Australia.

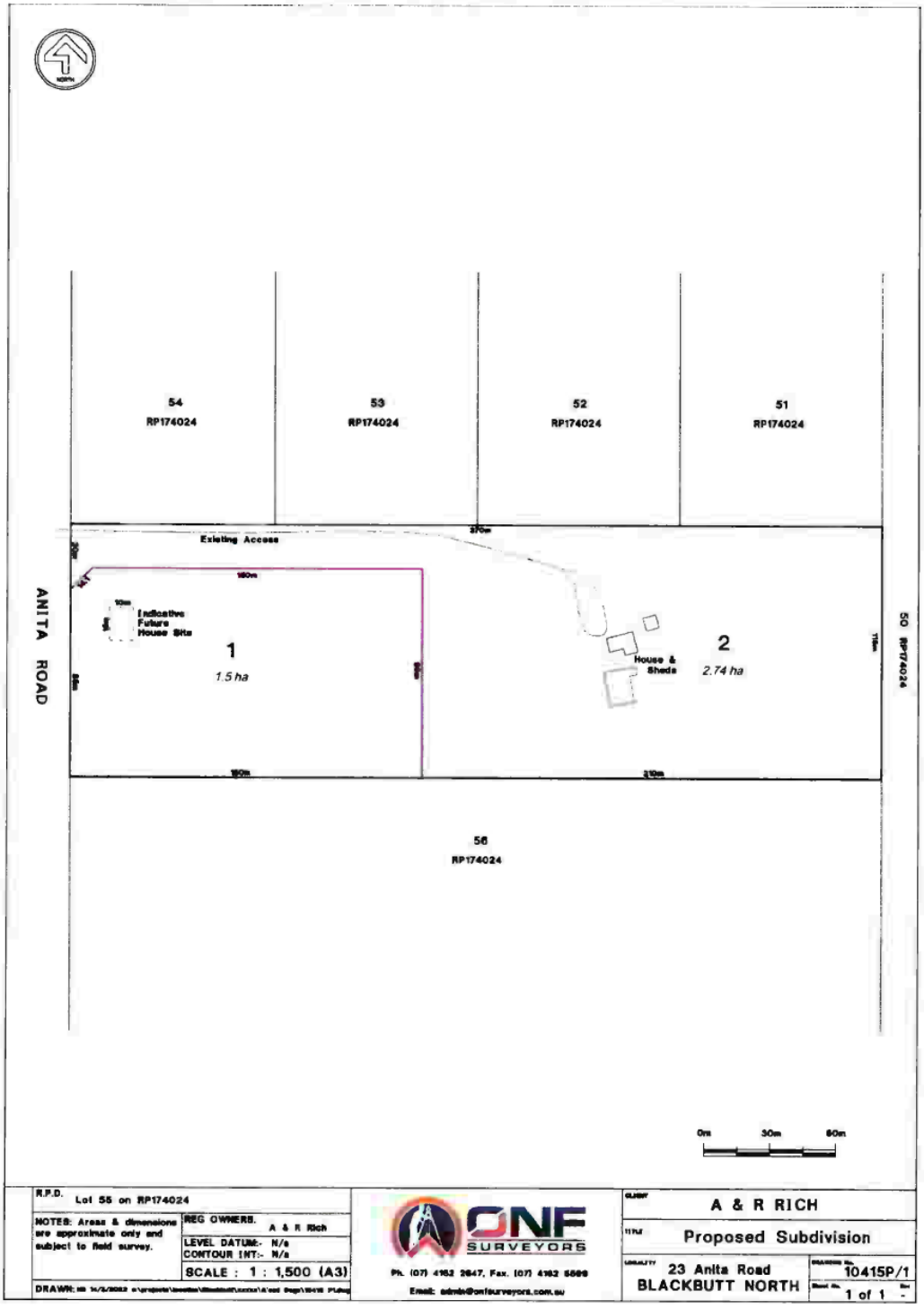
South Burnett Regional Council Planning Scheme (2017 Version 1.4).

The State of Queensland, July 2017. *Queensland State Planning Policy (July 2017).* Queensland Department of Infrastructure, Local Government and Planning. Brisbane.

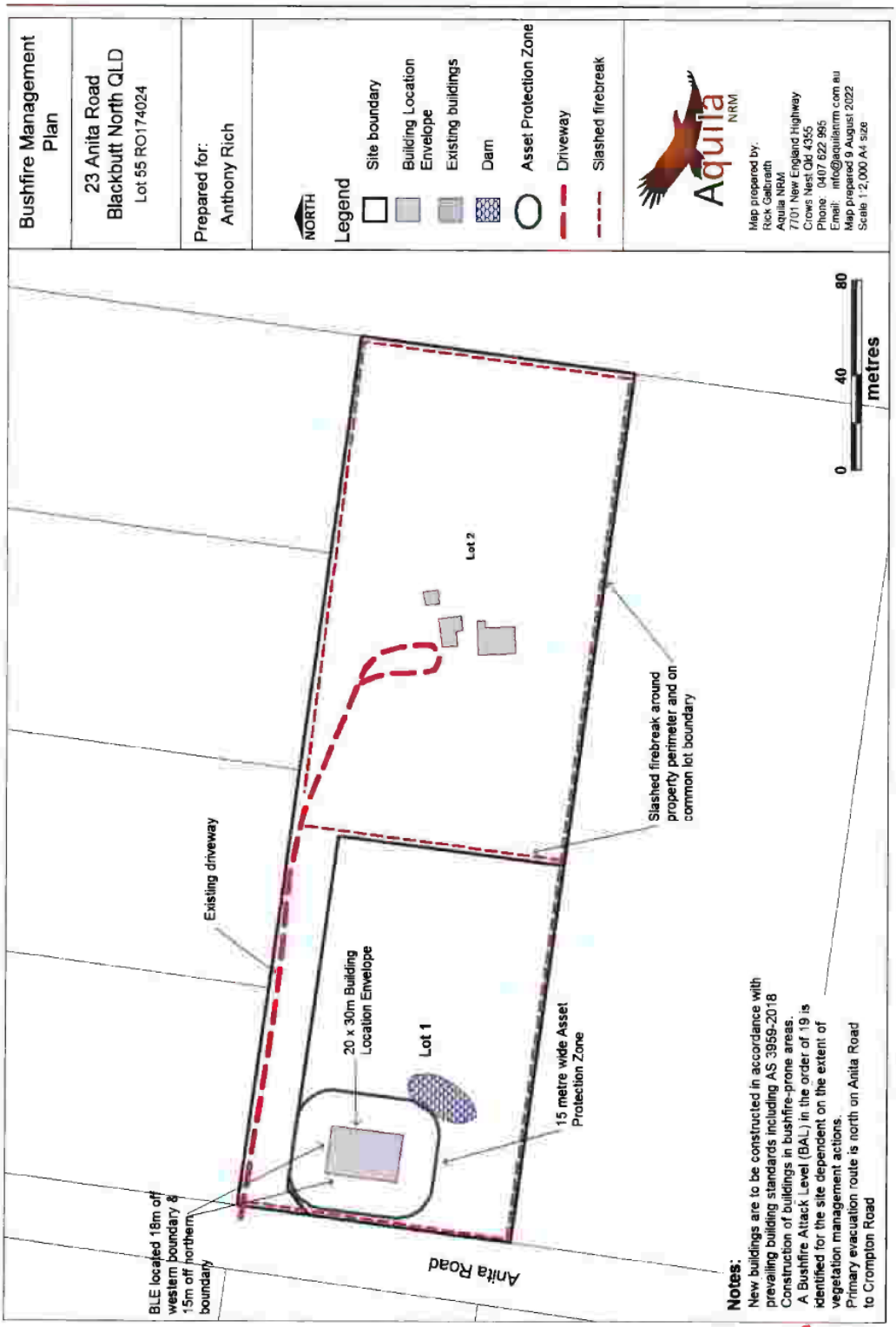
The State of Queensland, October 2019. Bushfire Resilient Communities Technical Reference Guide for the State Planning Policy State Interest 'Natural Hazards, Risk and Resilience - Bushfire

Victoria State Government, July 2010. *Overall Fuel Hazard Assessment Guide 4th Edition*. Melbourne.

Appendix 1 – Site plan



Appendix 2 – Bushfire Management Plan



Appendix 3 – Calculation of bushfire hazard

Determination of Bushfire Attack Level AS3959-2018 Method 2

The bushfire hazard that buildings could potentially be exposed to was calculated using the AS3959-2018 Method 2 and site-specific data. AS 3959-2018 identifies the level of construction required for the purpose of ensuring that a building is constructed to withstand a potential bushfire attack. This Standard is primarily concerned with improving the ability of buildings in designated bushfire-prone areas to better withstand attack from bushfire, thus giving a measure of protection to the building occupants (until the fire front passes) as well as to the building itself. AS3959-2018 requires that vegetation be assessed within 100 metres of a building when determining the Bushfire Attack Level.

Adopting a worst-case scenario, an FDI of 60 was used for the site when calculating Bushfire Attack Levels (BAL) for 'the site'.

The following steps were carried out using information collected from the relevant site and applying this information to the conditions required and set out in Australian Standard 'Construction of Buildings in Bushfire-prone areas' (AS 3959-2018).

Table 14: Parameters used in AS3959-2018 Method 2 calculations

Step	Procedure	Value
1	Fire Danger Index (FDI)	60
2	Vegetation Hazar Class (VHC)	11.2
3	Surface fuel load (t/ha)	11.5
4	Overall fuel load $(t/ha)_2$	13
5	Location of vegetation (Upslope/Downslope)	Downslope
6	Site slope	2 degrees
7	Effective slope of land under classified vegetation	2 degrees

Lot 1, 23 Anita Road, Blackbutt North

Minimum Distance Calculator - AS3959-2018 (Method 2)			
Inputs		**Outputs**	
Fire Danger Index	60	Rate of spread	0.95 km/h
Vegetation classification	Forest	Flame length	7.73 m
Understorey fuel load	11.5 t/ha	Flame angle	55 °, 66 °, 75 °, 80 °, 82 ° & 87 °
Total fuel load	13 t/ha	Elevation of receiver	2.94 m, 3.22 m, 3.27 m, 3.13 m, 3.01 m & 1.61 m
Vegetation height	n/a	Fire intensity	6,384 kW/m
Effective slope	2 °	Transmissivity	0.886, 0.874, 0.856, 0.835, 0.822 & 0.75
Site slope	2 °	Viewfactor	0.5853, 0.4332, 0.2909, 0.1964, 0.1591 & 0.0437
Flame width	100 m	Minimum distance to < 40 kW/m²	6.4 m
Windspeed	n/a	Minimum distance to < 29 kW/m²	8.699999999999999 m
Heat of combustion	18,600 kJ/kg	Minimum distance to < 19 kW/m²	13 m
Flame temperature	1,090 K	Minimum distance to < 12.5 kW/m²	19.2 m
		Minimum distance to < 10 kW/m²	23.4 m

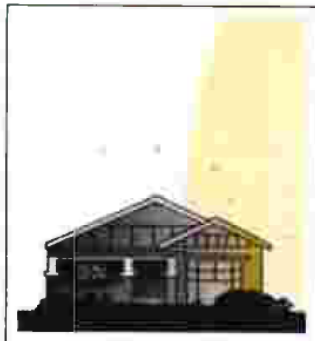
Figure 14: Method 2 calculations for VHC 11.2 Moist to dry eucalypt woodlands on basalt areas present in the area of the Buil;ding Location Envelope (BLE) on Lot 1.

The Queensland Fire and Emergency Services Asset Protection Zone calculator was used to determine the applicable asset protection zone for the development. The inputs for the calculator and outputs are presented in Table 15.

Table 15: QFES APZ calculator input and output values

SPP Bushfire Asset Protection Zone Width Calculator			
Variable Description	**Variable**	**Units**	**Value**
Input Values			
Fire weather severity	**FDI**		60.00
Vegetation Hazard Class	**VHC**	-	11.2 Moist to dry eucalypt woodlands on basalt areas
Remnant status	-	-	Remnant
Slope type (Upslope or Downslope)	**ST**	-	Downslope
Effective slope under hazardous vegetation	**eSlope**	degrees	2.00
Slope between site and hazardous vegetation	**θ**	degrees	2.00
Distance of the site from hazardous vegetation	**d**	m	15.00
Output Values			
Surface fuel load	-	t/ha	7.50
Near surface fuel load	-	t/ha	4.00
Bark fuel load	-	t/ha	0.50
Elevated fuel load	-	t/ha	1.00
Total overall fuel load	**W**	t/ha	13.00
Total surface fuel load	**w**	t/ha	11.50
Potential fire line intensity	**I**	kW/m	6384
Radiant heat flux	**q**	kW/m²	24.26
Bushfire Attack Level (AS 3959-2018)	**BAL**	-	BAL 29

Appendix 4 – Explanation of bushfire attack levels

				
BAL-12.5	**BAL-19**	**BAL-29**	**BAL-40**	**BAL-FZ**
The risk is considered to be **LOW**	The risk is considered to be **MODERATE**	The risk is considered to be **HIGH.**	The risk is considered to be **VERY HIGH.**	The risk is considered to be **EXTREME.**
There is a risk of ember attack. The construction elements are expected to be exposed to a heat flux not greater than 12.5 kW/m².	There is a risk of ember attack and burning debris ignited by wind borne embers and a likelihood of exposure to radiant heat. The construction elements are expected to be exposed to a heat flux not greater than 19 kW/m²	There is an increased risk of ember attack and burning debris ignited by windborne embers and a likelihood of exposure to an increased level of radiant heat. The construction elements are expected to be exposed to a heat flux not greater than 29 kW/m2.	There is a much increased risk of ember attack and burning debris ignited by windborne embers, a likelihood of exposure to a high level of radiant heat and some likelihood of direct exposure to flames from the fire front. The construction elements are expected to be exposed to a heat flux not greater than 40 kW/m².	There is an extremely high risk of ember attack and burning debris ignited by windborne embers, and a likelihood of exposure to an extreme level of radiant heat and direct exposure to flames from the fire front. The construction elements are expected to be exposed to a heat flux greater than 40 kW/m².

Images sourced from Planning Practice Note 65 September 2014 Victoria State Government

BAL Descriptions - Australian Standard - Construction of Buildings in Bushfire-prone Areas (AS 3959-2018)

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Ordinary Council Meeting 17 July 2024

Appendix 5 – Living in a Bushfire Prone Area

A bushfire can ignite fuel and spread in three ways:

- Embers and burning debris carried by wind,
- Heat radiation from fire, and
- Direct flame contact.

Ignition of buildings by burning embers carried by the wind	
Ignition of buildings by heat radiation from the fire	
Ignition of buildings by direct flame contact	

Figure 15: The three main elements of bushfire which threaten life and property. (Ramsay & Rudolf 2003)

Overall, the intention of bush fire protection measures should be to prevent flame contact to a structure, reduce radiant heat to below the ignition thresholds for various elements of a building, to minimise the potential for wind driven embers to cause ignition and reduce the effects of smoke on residents and firefighters.

Asset Protection Zones

The most immediate form of defence for an asset is a well-designed Asset Protection Zone (APZ). This zone serves to protect the asset from flames and radiant heat. It improves the chances of the asset surviving the passing of the fire front, providing a safe refuge for occupants during this period and providing a relatively "defendable space" for firefighting activity.

Whilst research shows that ember attack ultimately claims more vacant houses than radiant heat or flames, if a house is occupied, ember attack can be relatively easily dealt with.

The consequence of leaving a house unattended is that there will probably be nobody there to prevent the small fires which initially start, from gradually taking hold of various parts of the structure. This process can occur over a significant period of time, usually simply with embers which fly about and settle, and start smouldering. The hot windy conditions associated with the fire help fan the smouldering clumps of fuel, and bring many small fires to life. These are usually easy fires to extinguish if there is someone there with the equipment and water to put them out. In their absence, often some time, even hours after the initial fire front, the house succumbs to small fires which have grown to larger ones.

Over 90% of houses burnt down in bushfires are attributable to ember attack, and the vast majority of these are unattended at the time. In the 1984 study of the Ash Wednesday Fires around Mt Macedon, the survival rate amongst the 450 houses was 82% where they were occupied and 90% where the occupants were active, able bodied defenders, while only 30% of houses survived without someone to patrol them (Wilson & Ferguson, 1984).

Asset Protection Zones act as a buffer zone between a building and the hazard. The primary purpose of an Asset Protection Zone is to ensure that a progressive reduction of bushfire fuels occurs between the bushfire hazard and any habitable structures.

An APZ provides:

- a buffer zone between a bush fire hazard and an asset;
- an area of reduced bush fire fuel that allows suppression of fire;
- an area from which back burning or hazard reduction can be conducted; and
- an area which allows emergency services access and provides a relatively safe area for firefighters and home owners to defend their property.

Potential bush fire fuels should be minimised within an APZ. This is so that the vegetation within the planned zone does not provide a path for the transfer of fire to the asset either from the ground level or through the tree canopy. Various amenities can contribute to the Asset Protection Zone, provided they are not combustible or otherwise add to radiant heat levels. Such amenities include driveways, tennis courts, swimming pools or firetrails, each adding to the distance from the hazard.

An APZ is made up of an Inner Protection Area (IPA) and Outer Protection Area (OPA) as illustrated in Figure 16.

Inner Protection Area (IPA) is the area closest to the asset and creates a fuel-managed area which can minimise the impact of direct flame contact and radiant heat on the development and be a defendable space. Vegetation within the IPA should be kept to a minimum level. Litter fuels within the IPA should be kept below 1cm in height and be discontinuous. The IPA is typically the open area around dwelling, consisting of a mown lawn and well maintained gardens and grounds. Contrary to common belief, this area does not need to be devoid of vegetation, and in fact some trees in this area can serve a valuable role in trapping embers before they impact on the asset. It is important however that:

Canopy cover should be less than 15% with substantial gaps (or at least 2 - 5m) between the canopies of any trees in this area;
Tree canopies do not overhang the roof;
There are no continuous fuels linked horizontally or vertically. Smooth barked trees provide a lesser fuel ladder to the canopy than rough barked or ribbon barked species;

Lower limbs should be removed to a minimum height of 2 metres above the ground;
Surface and near surface fuels are kept to a minimum. This includes lawns (to be kept short) leaf litter and garden mulches; and
Plants with a higher tolerance to fire should be utilised closest to the house and are maintained in a healthy moisture state throughout the fire season.

Outer Protection Area (OPA) is located between the IPA and the unmanaged vegetation. Vegetation within the OPA can be managed to a more moderate level with the reduction of fuel in this area substantially decreasing the intensity of an approaching fire. It also assists restricting the pathways to crown fuels; reducing the level of direct flame, radiant heat and ember attack on the IPA and built assets. The removal of mid layer fuels can help to prevent flames from transferring from ground fuels to the canopy where destructive potential is greatest.

Radiant heat barriers such as non-combustible walls or water tanks can help shield assets from radiant heat, thereby complementing the APZ, and in some cases reducing the requirement for distance from the hazard, to a degree.

The required distances for Asset Protection Zones are dependent on the vegetation type (hazard), the slope of the site and whether the hazard is upslope or downslope from the asset. An example of an Asset Protection Zone in relation to a dwelling is presented in Figure 12.

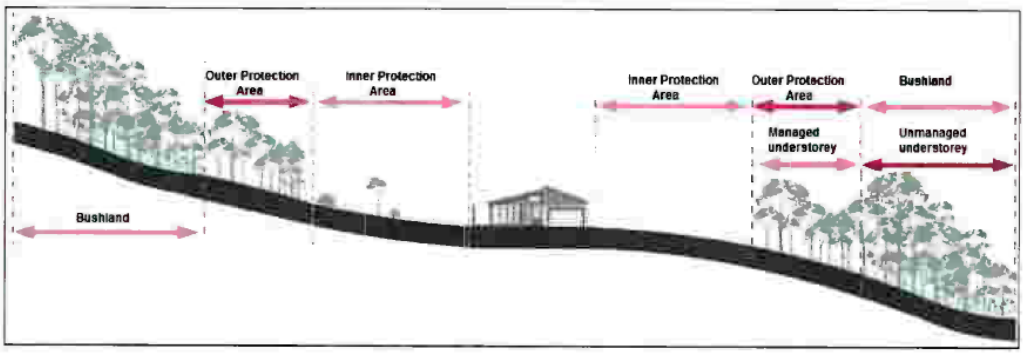


Figure 16: APZ elements. (Adapted from Planning for Bushfire Protection 2018)

Appendix 6: Landscaping in Fire Prone Areas

The design, management and maintenance of the landscape in the immediate vicinity of buildings are fundamental to the chances of survival of both people and buildings in a bushfire event. Vegetation provides the major fuel element in a bushfire. All vegetation, regardless of how succulent or green it is will eventually burn, provided the fire has sufficient intensity. Table 16 identifies the attributes of plants that may influence fire behaviour.

Table 16: Attributes of plants that may influence bushfire attack

Growing plant attributes Composition of leaves	**Growing plant attributes Structure**	**Ground fuel attributes**
Moisture content Volatile oil content Mineral content	Leaf fineness Density of foliage Continuity of plant form Height of lowest foliage above ground Size of plant in terms of its volume and spread Dead foliage on plant Bark texture / characteristics	Quantity of ground fuel available in fire season Fineness of ground fuel Compacting ability of ground fuel Mineral content of ground fuel

When landscaping in bushfire prone areas, it is important to use or retain plants of low flammability that have the following characteristics:

- Leaves with high moisture content,
- Low volatile oil content in leaves,
- Leaves that have a high mineral content,
- Limited retention of leaves and twigs in canopy and mid branches, and
- Smooth or tight bark.

To assist building survival in a bushfire event, it is important that a fuel-reduced zone is maintained around it. This can be achieved by keeping all vegetation away from the building or by using low flammability plantings to help shield the building from radiant heat. Trees and shrubs that drop litter should not be planted or retained close to buildings where they can contribute to the accumulation of flammable material.

- Plants to avoid using in bushfire prone areas are ones that:
- Accumulate or create lots of dry dead debris during the fire season,
- Have a high volatile oil content in their leaves,
- Have loose flaky bark, and
- Have masses of very fine leaves, especially if they are continuous to the ground.

Garden maintenance actions include:

- Pruning lower branches of trees to provide a minimum vertical 2 metre high fire break,
- Removal of loose bark, dead twigs, leaves,
- Regular mowing of lawns,
- Keeping other grassed areas to less than 100mm in height.
- Use of non-flammable mulches such as river pebbles or stones on garden beds near dwellings and buildings, and
- Avoidance of flammable mulches on garden beds such as woodchip or straw.

Appendix 7: Suitably qualified and experienced practitioner

The Queensland Government publication 'Bushfire Resilient Communities - Technical Reference Guide for the State Planning Policy State Interest 'Natural Hazards, Risk and Resilience - Bushfire' (October 2019) identifies the requirements for suitably qualified and experienced personnel to undertake the preparation of bushfire reports. It identifies the following requirements.

The preparation of planning scheme provisions or applicant-initiated assessments and reports should be prepared by suitably qualified and experienced people. These people should have the following qualifications and experience as a starting point:

1. degree (AQF level 8) qualifications in environmental science, environmental management (or equivalent discipline)
2. demonstrated experience in botanical survey and spatial analysis methods, including use of geographic information systems (GIS) software
3. demonstrated experience in the assessment of bushfire hazard and risks or technical qualifications in environmental science, environmental management (or an equivalent discipline)
4. demonstrated relevant industry experience in the assessment of bushfire hazard and risks for a minimum five years. Where a local government proposes to include advice about the process for preparation of applicant-initiated assessments in its planning scheme (as a planning scheme policy, for example), it is recommended that advice on the necessary expertise also be included.

This bushfire report was prepared by a consultant who possesses tertiary qualifications in horticulture and has extensive experience in items 2 to 4. A CV is attached that provides relevant details of qualifications and expertise.

Bushfire Mana

Aquila NRM

Curricula Vitae

RICK GALBRAITH
Director of Aquila NRM

Diploma of Horticultural Science 1978

Member - EIANZ

SUMMARY OF EXPERIENCE

Rick is a senior ecologist and has worked extensively throughout southern inland Queensland for the past 25 years as a natural resource management practitioner with a particular focus on vegetation and bushfire. During this time Rick has worked with Regional, State and Federal Governments, Regional Natural Resource Management (NRM) bodies, Landcare and community groups, developers and consultancy organisations.

Rick has undertaken over 1500 bushfire related projects throughout Queensland for a broad range of clients. These projects have included bushfire assessment and planning reports for residential developments, Age Care facilities, recreational and specialist facilities, and building reports properties in identified bushfire hazard areas.

Additionally, Rick has delivered Fire and Biodiversity Property Planning workshops throughout inland southern Queensland for rural and rural residential landholders to assist them in preparing for bushfire events.

KEY AREAS OF EXPERTISE

- Bushfire Hazard assessment and preparation of reports in accordance with the State Planning Policy, Natural hazards, risk and resilience – Bushfire, (including methodologies and policies);
- Bushfire Hazard assessment and preparation of reports in accordance with the Regional Council Planning Scheme Policies and Codes;
- Site assessment, preparation of Bushfire Reports for buildings and inspection for compliance with AS3959-2018;
- Environmental Impact Assessments and preparation of environmental management plans for civil construction projects;
- Vegetation assessment and Protected Plant surveys throughout southern inland Queensland.

SELECTED CAREER EXPERIENCE

Selected projects that Rick has completed throughout his career are provided to demonstrate his capabilities and experience in the fields of environment including vegetation assessment and management and bushfire.

- **Bushfire assessments and reports 2006 – present.**
  - Site assessment and the preparation of planning and bushfire management reports for developments in bushfire prone areas. Reports have been prepared for urban and rural

residential subdivisions, outdoor education centres, accommodation and conference facilities and campgrounds.

- Undertaken site inspections and the preparation of Bushfire Reports for the past 16 years for the construction of buildings in accordance with the Australian Standard – Construction of buildings in bushfire-prone areas (AS3959-2018). Approximately 250 reports are prepared annually for individuals, builders and various organisations.
- Preparation of planning reports for developments in bushfire prone areas. These reports have included subdivisions, Outdoor Education Centres, accommodation and conference facilities and campgrounds. Approximately 10 to 15 reports prepared annually.
- Inspection of buildings for compliance with Bushfire Reports and AS3959-2018 for the purpose of issuing Form 12 Certificates.

- **Environmental Impact Assessments 2007 – present.** Preparation of Environmental Impact Assessments for developments such as urban and rural residential subdivisions throughout southern inland Queensland.
- **Flora surveys including Protected Plants 2014 - present:** Flora surveys including protected plants comprising site assessment, identification of plant species and preparation of reports in accordance with relevant guidelines. Flora surveys have been undertaken throughout southern inland Queensland for a range of clients.



Bushfire Management

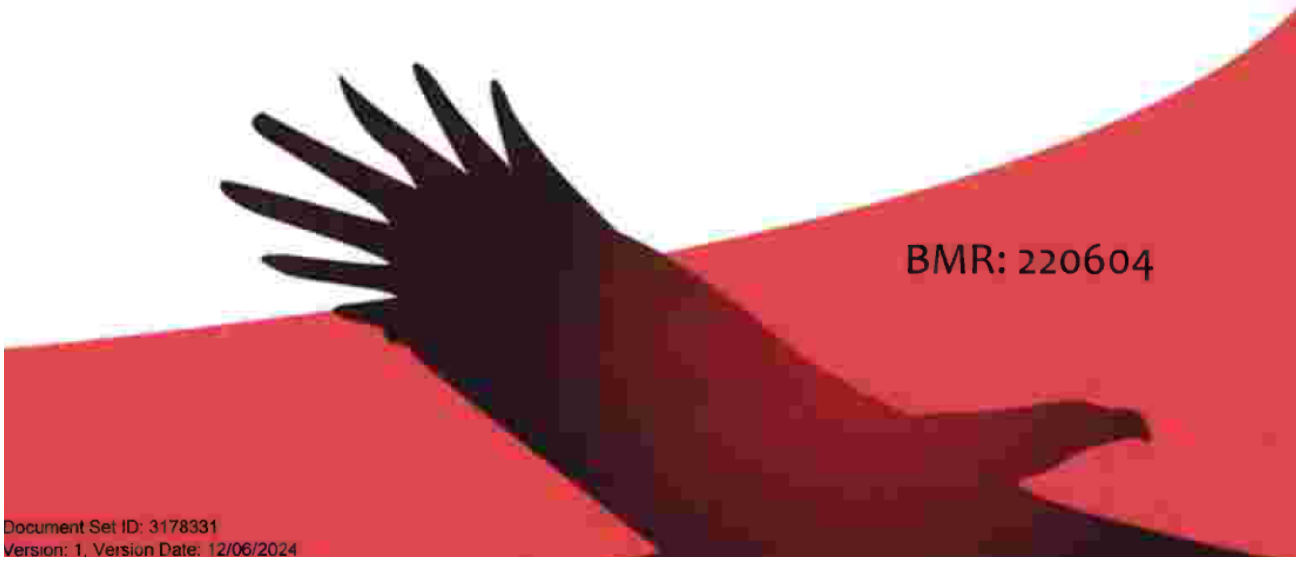
REPORT ADDENDUM

Anthony Rich

23 Anita Road,
Blackbutt North, QLD 4314

Lot 1 SP334443

Prepared by Aquila NRM
May 2024



Document Set ID: 3178331
Version: 1, Version Date: 12/06/2024

DOCUMENT CONTROL RECORD

Title	Bushfire Management Report
Address	23 Anita Road, Blackbutt North, QLD 4314
Project number	BMR 220604
Client	Anthony Rich

Document Issue

Issue	Date	Prepared By
1	9 August 2022	Rick Galbraith
2 Addendum	29 May 2024	Rick Galbraith

Notice to users of this report

This report has been prepared for A Rich. Aquila NRM cannot accept responsibility for any use of or reliance upon the contents of this report by any third party.

It details a number of bushfire protection measures that when followed will increase the survival prospects of residents and built assets in the event of a bushfire. It must be borne in mind that the measures dealt with in this report cannot guarantee the survival of a building or other assets in a bushfire event. This is due mainly to the unpredictable nature and behaviour of fire, difficulties associated with extreme weather conditions and vegetation management on and surrounding the site subsequent to development.

Bushfire Report prepared by:

[redacted]

Rick Galbraith,
Dip Horticultural Science
29th May 2024

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This report is a site-specific assessment of the subject property that has been prepared in accordance with the South Burnett Regional Council Planning Scheme (2017 Version 1.4) and the State Planning Policy.

Document Set ID: 3178331
Version: 1, Version Date: 12/06/2024

Summary

A Bushfire Management Report (BMR 220604) was prepared in August 2022 for a development comprising the Reconfiguring of a Lot (RaL) at 23 Anita Road, Blackbutt North, described as 55 RP174024, (hereafter referred to as 'the site'). The development comprised the reconfiguring of a Lot site from one (1) lot into two (2) Rural Residential lots with areas of 22,850 and 19,710 square metres.

Subsequent to the preparation of the original report, a review was undertaken of the practicality of the nominated building envelope on Lot 1 SP334443 (hereafter referred to as 'the site'). The limited size of the building location envelope (BLE), being of the dimensions 20 metres by 30 metres with an area of 600 square metres significantly limited the scope for constructing a dwelling and associated outbuildings in a rural residential setting. An enlarged BLE is proposed for Lot 1 with an area of 3,255 square metres.

2.0 General site details

The property is situated at:	23 Anita Road, Blackbutt North
Real Property description:	Lot 1 SP334443
Area of land:	19,710 square metres

The site is situated approximately 4.5 kilometres by road northeast of the township of Blackbutt in a rural residential living area. It is accessed by Anita Road on the western boundary of the site. Rural residential areas are located in the area surrounding the site. Native vegetation is present on the site and comprises approximately 16,715 square metres of Category B vegetation 2,995 square metres of Category X (i.e., non-remnant) vegetation. Topography of the site comprises gentle slopes with the land falling from the northwest to the southeast with underlying slopes in the order of 3% or less than 2 degrees.

3.0 Building Location Envelope and Asset Protection Zone

A number of small developments have been undertaken in the Blackbutt North area in recent times with single lots being reconfigured to achieve a lot yield in the order of 2 to 3 lots. The bushfire management and BLE elements of these developments were reviewed, and it was noted, that in general the BLE's identified were significantly larger than the 600 square metres nominated for the site. The findings of this review were used to guide the revised and enlarged BLE for the site.

The location of buildings and their relationship with vegetation in the immediate surrounding area is critical for maximising their survival in the event of a bushfire. A BLE has been identified been identified for the site to ensure that a potential dwelling on the site achieves a minimum separation distance from hazardous vegetation to enable a BAL of no greater than BAL-29 to be achieved. Building issues can be adequately addressed during the design and construction phase with compliance to the National Construction Code and the Australian Standard for construction of buildings in bushfire-prone areas (AS3959-2018). A site-specific bushfire building report should be prepared for new dwellings that identifies actual building location, separation distances from potentially hazardous vegetation, BAL and level of construction required.

The revised BLE is located within an area that contains both Category X and Category B vegetation. This area contains the least density of trees which minimises potential adverse impacts on the extent of native vegetation on the Lot. The BLE is located 15 metres from the western boundary of the lot (Anita Road) and 5 metres from the northern boundary of the site. The dimensions of the

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BLE are 52.5 metres from east to west and 62 metres from north to south with a total area of 3,255 square metres.

Appendix 1 Bushfire Management Plan Addendum identifies the location of the BLE on the site with the dimensions annotated and maximum extent of the Asset Protection Zone.

Construction of buildings

Careful design of a new dwelling should be undertaken which takes into consideration site characteristics and relevant building standards including the Australian Standard for Construction of buildings in bushfire-prone areas (AS3959-2018) and the Building Code of Australia. Bushfire Attack Levels (BAL) for Lot 1 are in the order of 19 to 29 dependent on final build location and extent of vegetation management actions undertaken.

Asset Protection Zone

The establishment of an Asset Protection Zone (APZ) is an effective mechanism for reducing bushfire hazards that a building may be exposed to. An APZ is a fuel-reduced area surrounding a built asset or structure. Potential bushfire fuels should be minimised within an APZ, so that the vegetation within it does not provide a path for the transfer of fire to the asset either from the ground level or through the tree canopy. A 15-metre wide APZ is identified for the eastern, southern and western sides of the BLE. Areas of 'low threat vegetation' are present to the north of the BLE. The Bushfire Management Report BMR 220604 that was originally prepared for the development should be referred to for additional information on the establishment and maintenance of an effect APZ.

Maintenance of bushfire mitigation measures

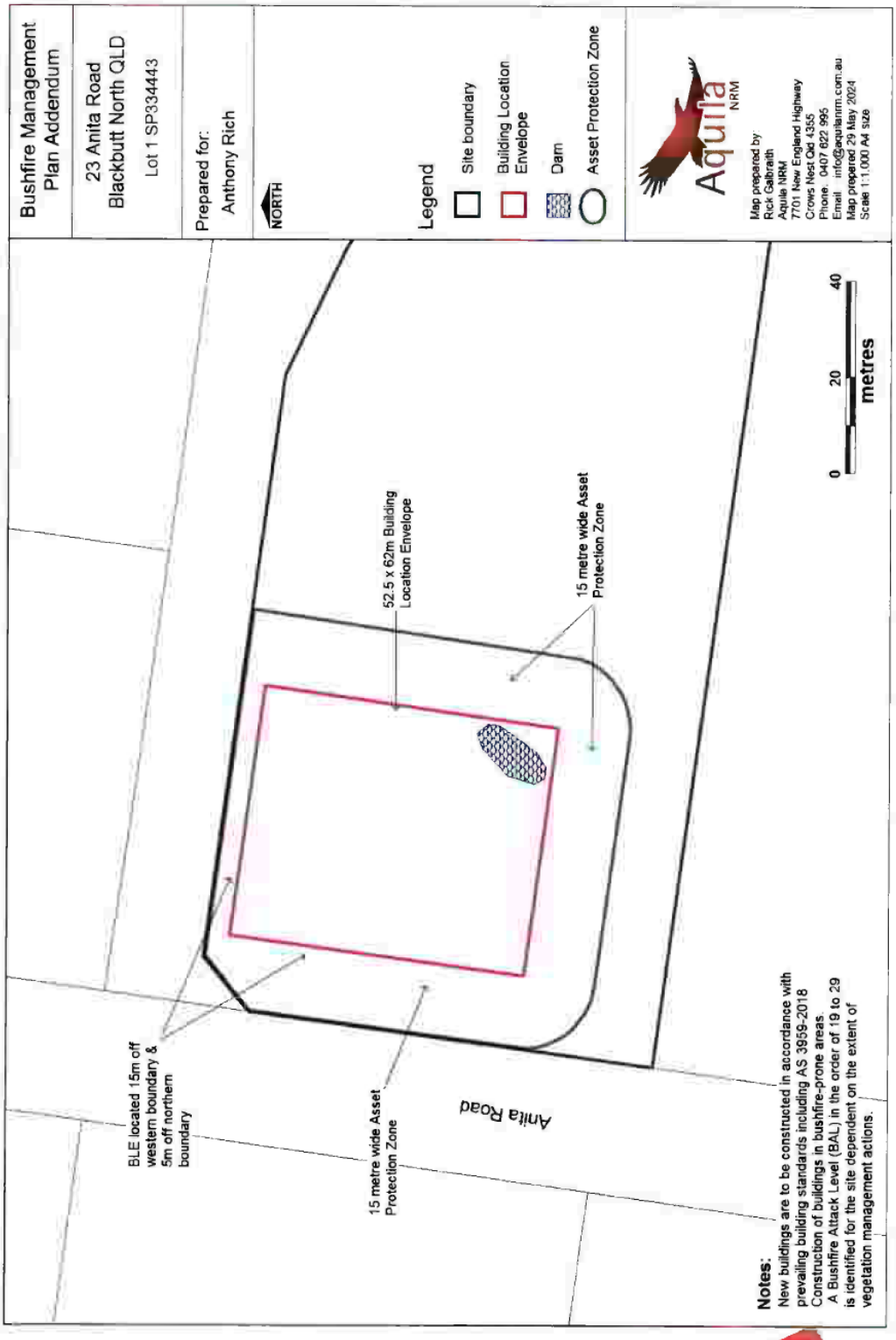
This addendum to the bushfire management report has been prepared on the basis that bushfire mitigation measures identified within it are implemented and maintained into the foreseeable future. Failure to maintain these measures may contribute to the development being exposed to a higher level of bushfire threat and attack.

4.0 Conclusion

The revised BLE is located within an area assessed to comprise a Medium Potential Bushfire Intensity with areas of Potential Bushfire Impact Buffer to the north, west and south, and areas of High Potential Bushfire Intensity further to the east and southeast. A Bushfire Attack Levels (BAL) for the BLE identified on Lot 1 is in the order 19 to 29, dependent on the extent of vegetation management actions undertaken. The bushfire risk to built assets can be effectively managed by provision of ready ingress and egress to the site from Anita Road, establishment of an asset protection zone with a minimum width of 15 metres around the dwelling, ongoing management of the site to maintain it in a low fuel load state (less than 5 tonnes per hectare) and the provision of a dedicated fire-fighting water supply at the time of constructing a dwelling on the site. Building measures can be adequately addressed at the design and construction phase through the application of the National Construction Code and the Australian Standard Construction of buildings in bushfire-prone areas (AS3959-2018) and ongoing vegetation management.

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Appendix 2 – Bushfire Management Plan addendum



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15 QUESTIONS ON NOTICE

Nil

16 INFORMATION SECTION

Nil

17 CONFIDENTIAL SECTION

OFFICER'S RECOMMENDATION

That Council considers the confidential report(s) listed below in a meeting closed to the public in accordance with Section 254J of the *Local Government Regulation 2012*:

17.1 Potential Purchase of Artie Kerr Building, Kingaroy

This matter is considered to be confidential under Section 254J - g of the Local Government Regulation, and the Council is satisfied that discussion of this matter in an open meeting would, on balance, be contrary to the public interest as it deals with negotiations relating to a commercial matter involving the local government for which a public discussion would be likely to prejudice the interests of the local government.

17.2 Amendment to Licence - United Christian Broadcasters Australia Limited

This matter is considered to be confidential under Section 254J - g of the Local Government Regulation, and the Council is satisfied that discussion of this matter in an open meeting would, on balance, be contrary to the public interest as it deals with negotiations relating to a commercial matter involving the local government for which a public discussion would be likely to prejudice the interests of the local government.

17.3 Undetected Water Leak - Assessment 12627-00000-000

This matter is considered to be confidential under Section 254J - d of the Local Government Regulation, and the Council is satisfied that discussion of this matter in an open meeting would, on balance, be contrary to the public interest as it deals with rating concessions.

17.4 Application to Waive Legal Fees on Assessment 12349-31500-000

This matter is considered to be confidential under Section 254J - d of the Local Government Regulation, and the Council is satisfied that discussion of this matter in an open meeting would, on balance, be contrary to the public interest as it deals with rating concessions.

17.5 Customer phone-calls, after-hours calls and lone-worker monitoring

This matter is considered to be confidential under Section 254J - b and g of the Local Government Regulation, and the Council is satisfied that discussion of this matter in an open meeting would, on balance, be contrary to the public interest as it deals with industrial matters affecting employees and negotiations relating to a commercial matter involving the local government for which a public discussion would be likely to prejudice the interests of the local government.

18 CLOSURE OF MEETING