

Community Financial Assistance Donations Request Form – Round Two 2021/2022

Please use a separate form for each request

Submitted by: *Name: Organisation:	Baradine Pastoral, Agricultural & Horticultural Society
Contact Details Address:*	[REDACTED]
Phone/Email Address*:	[REDACTED]
* Information collected will only be used to contact you in relation to this submission.	
Amount of Request \$ (Maximum Request \$500).	\$500
Details of Request: i.e. <ul style="list-style-type: none"> • Name of project (what will Council funds be used for?) • Expected completion date for the project/activity? • How does this project/activity meet the assessment criteria? (Refer to Guidelines for assessment criteria) 	Pre-annual Baradine Show grounds preparation. Saturday, 19 March, 2022 <ul style="list-style-type: none"> • this project supports the huge contribution from volunteers in getting the showgrounds ready for the annual show; this is a self help initiative that build's upon Council's contribution by providing assistance through mowing and slashing the arena's and surrounds, whilst also addressing a service gap.
Budget: Expected income and expenditure for the project, noting own funds and whether financial support is available from a parent body	A budget is not applicable to this project as it is a request for Council to provide \$500 worth of in-kind support through grounds cleanup.
In Kind Contributions: Describe volunteer and in-kind contribution to the project/activity.	Volunteer in-kind contribution providing equipment and time preparing the Baradine showground for show day.
Signature:	[REDACTED]
Date:	6.2.22

From: info@warrumbungle.nsw.gov.au
Sent: Monday, 14 February 2022 4:20 PM
To: Records Officer
Cc: [REDACTED]
Subject: Community Financial Assistance Donations Round Two 2021/22

You have successfully submitted the following information. This copy is for your records.

First Name and Last Name: [REDACTED]
Organisation name: Black Stump Craft Shop Incorporated T/As Coolah Crafts
Address: 37 Binnia Street
COOLAH NSW 2843
Contact Number: [REDACTED]
Email Address: [REDACTED]
Amount Requested: 500
Name of Project: What will Council funds be used for?

Coolah Crafts has recently purchased the old RSL Building in Coolah. We need to connect water and sewage services to the building and the money will be used to assist us with the associated costs of doing so.

Expected completion date for the project/activity? : December 2022

How does this project/activity meet the assessment criteria? : This project meets the following assessment criteria:

- Activities that address gaps in service or community development;
- Activities that promote community development in a multicultural context and seek to address issues of access and equity;
- Involvement from volunteers and self-help initiatives that build upon Council's contribution;

Coolah Crafts is a volunteer run community organisation and Binnia Street business. We don't have any paid staff. Our volunteers range from 50 to 90 years of age. This organisation is an important group in the Coolah Community as we provide a social and cultural outlet for seniors and a main street business that serves both locals and visitors alike. Council funding of \$500 will add to funds raised by our group for important infrastructure developments and support all volunteers by providing vital services at our premises.

Budget: We have yet to determine an estimate of costs for the connection of the water and the sewage (although Council may be able to estimate this for this purpose). We are in communication with our local plumber who is helping with the planning of our

Application 2

connections. We also plan to organise a meeting with Councils Planning Dept. in the next week or so. We have allocated \$3000 from our own funds raised and will use Councils \$500 donation together for this purpose.

In Kind Contributions: The Coolah Crafts raise their money through the sale of locally made art and craft. Our contribution is from monies raised in this way.

From: info@warrumbungle.nsw.gov.au
Sent: Tuesday, 15 February 2022 11:23 AM
To: Records Officer
Cc: [REDACTED]
Subject: Community Financial Assistance Donations Round Two 2021/22

You have successfully submitted the following information. This copy is for your records.

First Name and Last Name: [REDACTED]
Organisation name: Coonabarabran Rugby Club Inc.
Address:
Contact Number: [REDACTED]
Email Address: [REDACTED]
Amount Requested: \$500
Name of Project: What will Council funds be used for?

Expected completion date for the project/activity? : To help defray electricity/ground use charges for year
Sept 2022

How does this project/ activity meet the assessment criteria? : Refer to Guidelines for assessment criteria

Budget: Club is non profit organisation and relies on sponsors to run club
Expected income and expenditure for the project, noting own funds and whether financial support is available from a parent body

In Kind Contributions: Amount owed is only known when council advises of same.
Describe volunteer and in-kind contribution to the project/ activity

Many members contribute in kind time to the running of the club

From: info@warrumbungle.nsw.gov.au
Sent: Thursday, 17 February 2022 2:32 PM
To: Records Officer
Cc: coonabarabran.lalc@bigpond.com
Subject: Community Financial Assistance Donations Round Two 2021/22

You have successfully submitted the following information. This copy is for your records.

First Name and Last Name: [REDACTED]

Organisation name: Coonabarabran Local Aboriginal Land Council

Address: 30 John Street

Contact Number: +61268423137

Email Address: coonabarabran.lalc@bigpond.com

Amount Requested: 500

Name of Project: Sorry day Morning tea

Expected completion date for the project/activity? : 26/05/2022

How does this project/activity meet the assessment criteria? : we aim by coming together as a community that we are addressing gaps in our community between the indigenous and non indigenous and hoping that we all come together and start working together. By being involved in this event you are paying respects to those who were lost and learning all in one about the day, the most important part is to be able to provide healing to those community members who are effected and for everyone to be able to take something away from the day that they've learnt.

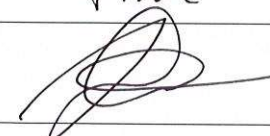
Budget: \$500- to go towards morning tea for sorry day

- a cake for the elders to cut
- slices
- hot finger food
- tea and coffee

In Kind Contributions: volunteers to help with the day, set up and clean up, advertising and being a part of the day

Community Financial Assistance Donations Request Form – Round Two 2021/2022

Please use a separate form for each request

Submitted by: *Name: Organisation:	Coonabarabran High School. (Mary Doolan - Principal
Contact Details Address:*	PO Box 3 Coonabarabran NSW
Phone/Email Address*:	[REDACTED]
* Information collected will only be used to contact you in relation to this submission.	
Amount of Request \$ (Maximum Request \$500).	\$500
Details of Request: i.e. <ul style="list-style-type: none"> • Name of project (what will Council funds be used for?) • Expected completion date for the project/activity? • How does this project/activity meet the assessment criteria? (Refer to Guidelines for assessment criteria) 	<p>* Coonabarabran High School Breakfast Club</p> <p>* 17 December 2022</p> <p>* Many of our students rely on the school to provide 1 or 2 meals a day. Whilst the school does receive NSW govt equity funding to support students in need, additional support can also be utilized due to the high level of genuine need in our community.</p>
Budget: Expected income and expenditure for the project, noting own funds and whether financial support is available from a parent body	monies would be fully expended on breakfast consumables. The school budget would also support this program.
In Kind Contributions: Describe volunteer and in-kind contribution to the project/activity.	Staff + students volunteer their time to serve
Signature: Date:	 17/2/22.

[REDACTED]

From: info@warrumbungle.nsw.gov.au
Sent: Friday, 18 February 2022 12:46 PM
To: Records Officer
Cc: [REDACTED]
Subject: Community Financial Assistance Donations Round Two 2021/22

You have successfully submitted the following information. This copy is for your records.

First Name and Last Name: [REDACTED]
Organisation name: Coolah Lions Club Inc
Address: [REDACTED]
Contact Number: [REDACTED]
Email Address: [REDACTED]
Amount Requested: \$500
Name of Project: What will Council funds be used for?

To assist in the purchase of paint and materials to restore flood damaged walls in our Coolah Driver Reviver building
Expected completion date for the project/activity? : 31st July 2022
How does this project/ activity meet the assessment criteria? : Refer to Guidelines for assessment criteria

To restore and improve our facility to enable Coolah Lions to re open our service to Coolah and hold Boot Sales and operate our Driver Reviver again.
Budget: Estimate at least 3 x 10 ltr wall paint and 1 x 10 ltr undercoat @ \$180 each = \$720.00

No financial support is available from Lions Australia or International and any NSW grant money if received will not be to cover paint. Our \$500 request would be to assist us with this cost.
In Kind Contributions: Coolah Lions Club members and volunteers would be doing the labour in kind and paying for the balance of money required for materials.

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From: Jennifer Maundrell
Sent: Monday, 21 February 2022 2:25 PM
To: [REDACTED]
Subject: RE: Annual Donations 2022/2023 Application Form

Good afternoon [REDACTED]

Thank you for your time on the phone just now. As discussed, I will transfer this application to the Community Financial Assistance Donations 2021/22 – Round 2 program which will be considered by Council on 17 March 2022.

Kind regards,
Jenni Maundrell | Manager Corporate Services

Warrumbungle Shire Council
PO Box 191, Coonabarabran NSW 2357
P (02) 6849 2000 | F 02 6842 1337
[REDACTED]

Excellence in Local Government



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From: info@warrumbungle.nsw.gov.au <info@warrumbungle.nsw.gov.au>
Sent: Friday, 18 February 2022 2:07 PM
To: Records Officer <info@warrumbungle.nsw.gov.au>
Subject: Annual Donations 2022/2023 Application Form

The following information has been submitted from the Warrumbungle Shire Council:

First Name and Last Name:	[REDACTED]
Organisation name:	Rotary Club of Coonabarabran
Email Address:	[REDACTED]
Category (Select One):	Monetary grant
Amount Requested:	\$500.00
Provide details on how your organisation contributes to the achievement of the aims of the Community Strategic Plan :	The Driver Awareness Program is a national educational program assisting our youth with the understanding of the responsibilities of their driving's license.

The local Rotary Club each year conducts the "Rotary Driver Awareness

Program". This program is offered to all schools within the Warrumbungle Shire for year 11 student who are eligible for "Learners Driving License". It consists of six half hour sessions with professional local instructors.

Facilitators will be Local Police, Coonabarabran VRA, Ambulance Health Professional, local Driving Instructor etc.

This year it is anticipated to be held on Friday 29th April at the Coonabarabran Race Course

Over recent years Students from Coonabarabran, Coolah, Mendooran, Dunedoo and Baradine have participated. Attendance of between 60 and 100 students have participated. In past years the Council's traffic controller has participate.

For a Monetary Grant or Hire request, provide details of the project including budget, in kind donations, and how Council's support will be recognised by the group :

The program teaches driving ability, Road & Police requirements, accidents, Drug & Alcohol, Driving and speed/stopping ability etc

Income per student \$15.00 X 100 Students \$1500.00

Warrumbungle Shire Donation \$500.00

Rotary Club shortfall Say \$250.00

Total \$2250.00

Cost e Driver awareness Program

(Use of purpose program computers), Brochures, Work Booklets Etc \$ 900.00

M & A/T Lunches \$1000.00

Hire Venue (Race Course and Riding for the Disable Hall \$ 350.00

Hire motor vehicle (Taylor Automotive) Road Barriers Etc (WSC) In Kind

Total \$2250.00

Warrumbungle Shire Council as a sponsor, will be acknowledge on the day as well as any local newspaper publicity

[REDACTED]

From: info@warrumbungle.nsw.gov.au
Sent: Friday, 18 February 2022 2:34 PM
To: Records Officer
Cc: [REDACTED]
Subject: Community Financial Assistance Donations Round Two 2021/22

You have successfully submitted the following information. This copy is for your records.

First Name and Last Name: [REDACTED]

Organisation name: Yarn Support Connect- Coonabarabran Suicide Prevention Network

Address: [REDACTED]
[REDACTED]

Contact Number: [REDACTED]

Email Address: [REDACTED]

Amount Requested: \$500

Name of Project: "FIT IN"

Expected completion date for the project/activity? : Program to run for 12 months

How does this project/activity meet the assessment criteria? : To support vulnerable community especially the Youth engage with local police and YSC by supporting them in exercise and healthy relationship programs. We believe having healthy relationships with authority and support services is essential when our vulnerable members of the community are down and out and need either one on one interaction or companionship in a group setting. This mentoring program has been tried and tested in other communities and has been shown to work. This program has the potential to run 7 days a week 365 days a year subject to Police and volunteers availability. Programs like this also have a greater reach then just the direct people involved and the community benefits with reduced crime, better health and well being.

Budget: If costs exceed \$500 allocated by council, Yarn Support Connect has a small reserve to be able to pick the extra.

In Kind Contributions: Donation of endless volunteer hours.
Food costs

From: info@warrumbungle.nsw.gov.au
Sent: Friday, 18 February 2022 3:47 PM
To: Records Officer
Cc: dunedoo-c.school@det.nsw.edu.au
Subject: Community Financial Assistance Donations Round Two 2021/22

You have successfully submitted the following information. This copy is for your records.

First Name and Last Name: [REDACTED]
Organisation name: Dunedoo Central School
Address: Digilah Street
DUNEDOO 2844
Contact Number: 02 6375 1489
Email Address: dunedoo-c.school@det.nsw.edu.au
Amount Requested: \$500
Name of Project: What will Council funds be used for?

In collaboration with the P&C, Dunedoo Central School (DCS) is constructing a Fitness Circuit within the schools' grounds for the use of the students and the extended community

Expected completion date for the project/activity? : October 2022

How does this project/activity meet the assessment criteria? : Refer to Guidelines for assessment criteria

Funds from WSC would be used for the purchase of outdoor fitness equipment and materials to secure the equipment safely on the circuit. In collaboration with DCS's donation request, the Fitness Circuit would further enhance to grounds of DCS and encourage the students and wider community to participate in more healthy outdoor activities and enhance the Personal Development, Health and Physical Education curriculum.

Budget: Expected income and expenditure for the project, noting own funds and whether financial support is available from a parent body

In Kind Contributions: Total cost \$40,000.
Describe volunteer and in-kind contribution to the project/ activity

Volunteer and in-kind contributions to the project will be from the DCS' P&C and the extended Community.

[REDACTED]

From: info@warrumbungle.nsw.gov.au
Sent: Saturday, 19 February 2022 3:15 PM
To: Records Officer
Cc: [REDACTED]
Subject: Community Financial Assistance Donations Round Two 2021/22

You have successfully submitted the following information. This copy is for your records.

First Name and Last Name: [REDACTED]
Organisation name: Coolah Veterans and Friends Group
Address: Alexandra Ferguson
[REDACTED]
[REDACTED]
Contact Number: [REDACTED]
Email Address: [REDACTED]
Amount Requested: \$500.00
Name of Project: What will Council funds be used for? 1. An inclusive Anzac Day Breakfast/ Morning Tea for the Coolah Community. 2. The purchase of Anzac Day flags for display in Binnia St during the period leading up to, and for the Anzac Day march and commemorative services.
Expected completion date for the project/activity? : Monday 25th April 2022
How does this project/ activity meet the assessment criteria? :
-This will be an inclusive breakfast for anyone in the community, bringing everyone together, and will link in with our Anzac Day commemorative services.
-Volunteers are the framework of our Anzac day in Coolah, and this would be a very helpful addition to their valuable services on such an important day.
-We feel that a main street display that is fitting with the meaningful nature of these Anzac Day ceremonies is much needed in Coolah.
Budget: Expenditure: \$400 Breakfast , \$100 Flags
In Kind Contributions: No current funds, and no financial support from a parent body
Volunteer contribution is from the Coolah Veterans and Friends group, and any other volunteers from the community offering to help.
Thank you for considering our application.

From: info@warrumbungle.nsw.gov.au
Sent: Monday, 21 February 2022 10:23 AM
To: Records Officer
Cc: wow@creativespace.org.au
Subject: Community Financial Assistance Donations Round Two 2021/22

You have successfully submitted the following information. This copy is for your records.

First Name and Last Name: [REDACTED]
Organisation name: SPACE
Address: [REDACTED]
[REDACTED]
[REDACTED]
Contact Number: [REDACTED]
Email Address: wow@creativespace.org.au
Amount Requested: 500
Name of Project: Waste 2 Art 2022 Prize money
Expected completion date for the project/activity? : July 1st 2022
How does this project/activity meet the assessment criteria? : Waste 2 Art is a well regarded art competition run by NSW councils and Netwaste. SPACE acts as the Warramubungle Shire coordinator for Waste 2 Art on behalf of the Warrumbungle Shire council. Volunteers manage the competition and no funds are provided by Netwaste to SPACE. The competition involves all members of the community and is a novel way to educate children and adults in alternative ways of looking at waste that normally would go to landfill.

Last year a member of Warrumbungle Shire took out the top prize on our return to Waste 2 Art after a break of many years, this year we would like to be able to encourage more entries by offering cash prizes to the category winners.
Budget: SPACE this year will be spending at least \$300 on a full page advertisement in the Coonabarabran Times.

Prize money from council donation will be divided amongst category winners

Primary School

High School

Community

Open

Our Indigenous Heritage

In Kind Contributions: SPACE will be

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- donating at least 20 volunteer hours (\$600) to managing competition and exhibition
- donating use of SPACE for exhibition for 2 weeks (\$500)
- donating printing for certificates for category winners and place getters (\$100)
- Donating a trophy for the winner of the Creative Restore, repair, Refurbish category (\$150)

From: info@warrumbungle.nsw.gov.au
Sent: Monday, 21 February 2022 10:46 AM
To: Records Officer
Cc: info@creativescollective.org
Subject: Community Financial Assistance Donations Round Two 2021/22

You have successfully submitted the following information. This copy is for your records.

First Name and Last Name: [REDACTED]

Organisation name: Creatives Collective ARI inc.

Address: [REDACTED]
[REDACTED]
[REDACTED]

Contact Number: [REDACTED]

Email Address: info@creativescollective.org

Amount Requested: 500

Name of Project: Assistance to purchase Innovair Air purifier

Expected completion date for the project/activity? : June 1

How does this project/activity meet the assessment criteria? : Creatives Collective is a disabled artists group that caters to all disabled people of Coonabarabran and surrounds and provides a space and community to create art and craft. We wish to increase safety for our members, and encourage them to return to "in person" creativity, by purchasing a suitable portable air purifier to reduce the risk of Covid to ourselves, and members of the community.

This purifier will also be used for other groups that meet in our creative space, like Flying Mice Aboriginal Elders Group, Tuesday Crochet and Knitting group, and members of the Weaving and Spinners group who come in to use the standing loom.

Budget: Creatives Collective wish to purchase a Innovair air purifier that starts at \$875.

In Kind Contributions: Creatives Collective will fundraise for the rest of cost after sourcing suitable model.

RECEIVED

21 FEB 2022



Community Financial Assistance Donations Request Form – Round Two 2021/2022

Please use a separate form for each request

Submitted by: *Name: Organisation:	BARADINE GOLF CLUB INC NOT-FOR-PROFIT
Contact Details Address:*	[REDACTED]
Phone/Email Address*:	[REDACTED]
* Information collected will only be used to contact you in relation to this submission.	
Amount of Request \$ (Maximum Request \$500).	\$500
Details of Request: i.e. <ul style="list-style-type: none"> • Name of project (what will Council funds be used for?) • Expected completion date for the project/activity? • How does this project/activity meet the assessment criteria? (Refer to Guidelines for assessment criteria) 	PAYMENT TOWARDS RATES OUR CLUB'S FINANCES HAVE BEEN IMPACTED OWING TO THE COVID FOR THE PAST TWO YEARS. THE DONATION OF \$500 WOULD BE A GREAT HELP
Budget: Expected income and expenditure for the project, noting own funds and whether financial support is available from a parent body	RATES FOR 2021-2022 IS \$2,029.96 DONATION FOR \$500
In Kind Contributions: Describe volunteer and in-kind contribution to the project/activity.	BARADINE GOLF CLUB WOULD BE PAYING \$1,529.96 TOWARDS RATES
Signature:	[REDACTED]
Date:	16-2-2022

From: info@warrumbungle.nsw.gov.au
Sent: Wednesday, 23 February 2022 5:24 PM
To: Records Officer
Cc: [REDACTED]
Subject: Community Financial Assistance Donations Round Two 2021/22

You have successfully submitted the following information. This copy is for your records.

First Name and Last Name: [REDACTED]
Organisation name: Dunedoo Lions Club/Art Unlimited
Address: [REDACTED]
[REDACTED]
[REDACTED]
Contact Number: [REDACTED]
Email Address: [REDACTED]
Amount Requested: \$500
Name of Project: Towards the cost of marketing and promotional materials for Art Unlimited 2022
Expected completion date for the project/activity? : 30 May 2022
How does this project/activity meet the assessment criteria? :
Art Unlimited addresses a need in the Dunedoo community for meaningful engagement with the visual arts.
It provides an opportunity for residents to be enriched by expressions of creativity in a professionally presented environment - something they would not otherwise be able to experience in a small rural community.
It provides the opportunity for artists of all skill levels to participate and have their work exposed to an appreciative audience, possibly resulting in sales of their work. It is run by volunteers, both Lions Club members and others from the Dunedoo community who contribute a wide range of skills.
It positions Dunedoo as a community that supports and encourages creativity.
It bolsters community spirit and a sense of pride in both participants and the wider community.
It rewards excellence and innovation.
Budget: The annual budget for Art Unlimited is approximately \$20,000. It is funded largely through sponsorship from local businesses and individuals, entry fees, ticket sales for opening night and door entry fees to the exhibition.
In Kind Contributions: Art Unlimited is run by a voluntary committee made up of members of Dunedoo Lions Club and other members of the Dunedoo community who contribute a range of skills. They seek sponsorship, design promotional materials (posters and flyers), source qualified judges, maintain and constantly update the website and Facebook page, communicate regularly with the entrant database, arrange publicity and prepare the program listings of more than 300 entrants. Lions Club members make and maintain the

panels and plinths used to display works in the exhibition, they construct the gallery within the school hall, transforming it into a sleek exhibition space, they install the hanging systems and lighting rigs, volunteers receive and record entries, curate and hang the exhibition, co-ordinate the opening night event, man the exhibition for its duration, break down and pack up the works at the end of the exhibition. They manage follow-up publicity, liaise with prize sponsors and prize recipients.

From: info@warrumbungle.nsw.gov.au
Sent: Thursday, 24 February 2022 1:47 PM
To: Records Officer
Cc: [REDACTED]
Subject: Community Financial Assistance Donations Round Two 2021/22

You have successfully submitted the following information. This copy is for your records.

First Name and Last Name: [REDACTED]
Organisation name: Samaritans Foundation
Address: [REDACTED]
Contact Number: [REDACTED]
Email Address: [REDACTED]
Amount Requested: \$500.00
Name of Project: A free Facilitated Playgroup running once per week in school term.

20/12/22

This service has up to 24 attendees over a year including adults and children. Families can meet others and children's wellbeing in family and community is addressed by an Early Childhood qualified Facilitator (female). Families from all backgrounds are welcome to attend. Parents skills are utilised to enhance the program through story-telling, craft, recipe sharing. Community capacity building is a focus of the group.

Samaritans would like to engage a male volunteer to assist with this program in providing gender parity.

Playgroups are essentially female dominated venues and Samaritans recognises that engaging fathers will enhance the attachment with their children and their own confidence to attend.

This volunteer has a Bachelor of Education Studies and lives in Binnaway. Samaritans request this funding to subsidise his travel costs to attend the group each term for 2022. His ability to attend is not compromised with this support in place. Binnaway to Coonabarabran is a 70km round trip. At 72c per kilometer, the \$500 will subsidise his travel costs.

Expected completion date for the project/activity? : 21/12/22

How does this project/activity meet the assessment criteria? : Having a male for father's in the community to connect to around parenting addresses a present gap.

This addresses access and equity for fathers in the community.

Utilises volunteer participation in a creative way to meet identified needs.

Budget: DSS provide funds for a Case Manager and Play group Facilitator in Coonabarabran. Funds do not stretch to allow us to support the volunteer.

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In Kind Contributions: Describe volunteer and in-kind contribution to the project/ activity

Fruit for playgroup from Woolworths.

Xmas hampers from Lions Club.

From: info@warrumbungle.nsw.gov.au
Sent: Friday, 25 February 2022 1:13 PM
To: Records Officer
Cc: [REDACTED]
Subject: Community Financial Assistance Donations Round Two 2021/22

You have successfully submitted the following information. This copy is for your records.

First Name and Last Name: [REDACTED]
Organisation name: Dunedoo & District Development Group
Address: [REDACTED]
[REDACTED]
Contact Number: [REDACTED]
Email Address: coordinator@dunedoo.org.au
Amount Requested: \$500
Name of Project: Welcome to Dunedoo - Wiradjuri Country Sign

We would like to add additional sign saying "Welcome to Wiradjuri Country" to the bottom of the three town entrance signs.

Expected completion date for the project/activity? : April 2022
How does this project/ activity meet the assessment criteria? : The project will promote community connectivity and acknowledgment of our local culture and heritage.
Budget: Funds sought from the WSC Financial Assistance Donations will be the main funding for this project. If additional cost are required the DDDG will look at funding the outstanding amount.
In Kind Contributions: The DDDG will volunteer labour costs to have the new signs installed.

From: info@warrumbungle.nsw.gov.au
Sent: Friday, 25 February 2022 1:19 PM
To: Records Officer
Cc: [REDACTED]
Subject: Community Financial Assistance Donations Round Two 2021/22

You have successfully submitted the following information. This copy is for your records.

First Name and Last Name: [REDACTED]
Organisation name: Leadville Community Association Inc
Address: [REDACTED]
[REDACTED]
Contact Number: [REDACTED]
Email Address: [REDACTED]
Amount Requested: \$500
Name of Project: Leadville Park Mowing - The funds will be used to assist with the cost to further mow and maintain the Leadville Park block.
Expected completion date for the project/activity? : As soon as funds are made available
How does this project/activity meet the assessment criteria? : This will assist in making the Leadville Park and suitable place for Leadville residents and travellers to utilise. The existing mowing schedule isn't enough to maintain the area adequately and the funds will be able to assist this being a readily usable space.
Budget: Funds sought from WSC will be used for the costs associated with this project
In Kind Contributions: Leadville Community Association will provided the mowing equipment.

[REDACTED]

From: info@warrumbungle.nsw.gov.au
Sent: Friday, 25 February 2022 1:24 PM
To: Records Officer
Cc: [REDACTED]
Subject: Community Financial Assistance Donations Round Two 2021/22

You have successfully submitted the following information. This copy is for your records.

First Name and Last Name: [REDACTED]
Organisation name: Dunedoo Amateur Swimming Club
Address: [REDACTED]
[REDACTED]
Contact Number: [REDACTED]
Email Address: [REDACTED]
Amount Requested: \$500
Name of Project: Laptop - Funds will be used to assist with the costs of a new laptop for the swimming club
Expected completion date for the project/activity? : As soon as funds are made available
How does this project/activity meet the assessment criteria? : The Dunedoo Amateur Swimming Club is a volunteer community organisation providing a vital service to the community of Dunedoo. The laptop is used to store weekly timetrials results and scores, at the annual swimming carnival and at the end of year Club Championships. It is also used for administration purposes associated with the swimming club.
Budget: The Dunedoo Amateur Swimming Club will provide the costs needed over the funded amount.
In Kind Contributions: Volunteers will continue to assist with the data entry and running of the club using the purchased laptop

From: info@warrumbungle.nsw.gov.au
Sent: Friday, 25 February 2022 3:59 PM
To: Records Officer
Cc: [REDACTED]
Subject: Community Financial Assistance Donations Round Two 2021/22

You have successfully submitted the following information. This copy is for your records.

First Name and Last Name: [REDACTED]
Organisation name: Dunedoo Rugby League Football Club
Address: [REDACTED]
[REDACTED]
Contact Number: [REDACTED]
Email Address: [REDACTED]
Amount Requested: \$500
Name of Project: What will Council funds be used for?

To go towards the purchase of a new refrigerator, to be installed in the new amenities building being erected at Robertson Park Oval, Dunedoo, which will be used by the Dunedoo RLFC and the Dunedoo Junior League
Expected completion date for the project/activity? : Would like to have the refrigerator purchased before the first game of the football season which will be on the 30/4/22
How does this project/ activity meet the assessment criteria? : Refer to Guidelines for assessment criteria
Budget: Expected income and expenditure for the project, noting own funds and whether financial support is available from a parent body
In Kind Contributions: Describe volunteer and in-kind contribution to the project/ activity

[REDACTED]

From: [REDACTED]
Sent: Monday, 28 February 2022 11:36 AM
To: [REDACTED]
Subject: Re: Community Financial Assistance Donations Round Two 2021/22

How does this project/activity meet the assessment criteria?: This is an identified need and will be in used in BBQ/Canteen area of the new building.

Budget: Quotation for the new Refrigerator is \$4200.00

In Kind Contributions: The Dunedoo Rugby League Football Club will pay the remaining \$3700.00

Thank you very much Jenny for doing this for me.
Regards
Dianne Large

On Mon, Feb 28, 2022 at 10:43 AM Jennifer Maundrell [REDACTED] wrote:

Good afternoon Dianne

As discussed on the phone just now, the Dunedoo RLFC application is in the email below. Please make any changes necessary and email back to me.

Regards,

Jenni

Jenni Maundrell | Manager Corporate Services

Warrumbungle Shire Council

PO Box 191, Coonabarabran NSW 2357

P (02) 6849 2000 | F 02 6842 1337

[REDACTED]



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From: info@warrumbungle.nsw.gov.au <info@warrumbungle.nsw.gov.au>
Sent: Friday, 25 February 2022 3:59 PM
To: Records Officer <info@warrumbungle.nsw.gov.au>
Cc: [REDACTED]
Subject: Community Financial Assistance Donations Round Two 2021/22

You have successfully submitted the following information. This copy is for your records.

First Name and Last Name:	[REDACTED]
Organisation name:	Dunedoo Rugby League Football Club
Address:	[REDACTED] [REDACTED]
Contact Number:	[REDACTED]
Email Address:	[REDACTED]
Amount Requested:	\$500
Name of Project:	What will Council funds be used for? To go towards the purchase of a new refrigerator, to be installed in the new amenities building being erected at Robertson Park Oval, Dunedoo, which will be used by the Dunedoo RLFC and the Dunedoo Junior League
Expected completion date for the project/activity? :	Would like to have the refrigerator purchased before the first game of the football season which will be on the 30/4/22
How does this project/ activity meet the assessment criteria? :	Refer to Guidelines for assessment criteria
Budget:	Expected income and expenditure for the project, noting own funds and whether financial support is available from a parent body
In Kind Contributions:	Describe volunteer and in-kind contribution to the project/ activity

From: info@warrumbungle.nsw.gov.au
Sent: Saturday, 26 February 2022 11:48 AM
To: Records Officer
Cc: [REDACTED]
Subject: Community Financial Assistance Donations Round Two 2021/22

You have successfully submitted the following information. This copy is for your records.

First Name and Last Name: [REDACTED]
Organisation name: Coonabarabran Orbital Swing Band Inc
Address: Treasurer, Coonabarabran Orbital Swing Band Inc
[REDACTED]
[REDACTED]
[REDACTED]
Contact Number: [REDACTED]
Email Address: [REDACTED]
Amount Requested: \$500
Name of Project: Title: Maintain the Viability of the Coonabarabran Orbital Swing Band.

Council funds will be used towards public liability insurance to enable the Band to be able to perform at community occasions including Australia Day (Binnaway and Coonabarabran), ANZAC Day, Senior Citizens Week opening, Coonabarabran Show Arts Preview, late night shopping, Opens Days and support for Coonabarabran High School awards night and musicals as required. The project is ongoing.

Expected completion date for the project/activity? : December 2022 (renewed annually)

How does this project/activity meet the assessment criteria? : The Coonabarabran Orbital Swing Band Inc is a true community band and is open to for any musician to join irrespective of ability, gender or age (which ranges from school students to senior citizens). This is the only community organisation in the Shire to do so.

Disadvantaged students are supported by payment of membership fees and low instrument rental costs.

Instruments are available for hire for all band members to support those without access to the appropriate instrument.

Our band rehearsal room has ramp access. Members are from all walks of life and diversity is encouraged. The band is an inclusive and friendly organisation where young and old mix as equals.

Budget: The band will cover the remaining 75% of our insurance costs.

There is no parent body covering community bands.

Annual running costs in addition to insurance include trailer registration, rehearsal room hire and music licence. It is also important to maintain an up to date music library and to

maintain instruments and equipment.

The band has been unable to hold its annual fundraising concert for the last two years due to health restrictions.

In Kind Contributions: All band members are volunteers. All contribute to the running of the band, including financial contributions.

From: info@warrumbungle.nsw.gov.au
Sent: Monday, 28 February 2022 8:42 AM
To: Records Officer
Cc: [REDACTED]
Subject: Community Financial Assistance Donations Round Two 2021/22

You have successfully submitted the following information. This copy is for your records.

First Name and Last Name: [REDACTED]
Organisation name: Coonabarabran Highland Pipe Band
Address: [REDACTED]
Contact Number: [REDACTED]
Email Address: [REDACTED]
Amount Requested: \$500
Name of Project: Coonabarabran Highland Pipe Band Project

Council funds will be used as seed funding for the development and training of pipers and drummers that will form the core of a Highland Pipe Band in Coonabarabran. Currently there are several experienced pipers providing free tuition in piping to 5 learners. In addition, there is a small drum corps under development.

Council funding will be used to purchase tuition books, practice chanters to be available as "on-loan" items for learners; and consumables such as reeds, hemp etc to offset the sometimes substantial and possibly prohibitive cost for learners - especially those from disadvantaged backgrounds.

Expected completion date for the project/activity? : Ongoing

How does this project/activity meet the assessment criteria? : The project addresses a clear gap in the Coonabarabran community in that it will provide free musical tuition in highland piping and drumming. This will add to the cultural diversity and richness within the Community, including the preservation of Celtic culture.

The band will be available to support community activities such as Anzac Day marches, the Show, busking and any other community events. In addition, the band would be able to provide musical support to families and individuals at events such as weddings, funerals and other family occasions.

There are currently very few opportunities to learn an instrument (especially at a mature age) in Coonabarabran.

Tuition will be available to all comers with the potential to learn and play the instruments regardless of age, gender etc. As a free service to the community, it also addresses the needs of disadvantage groups for whom the cost of musical tuition is often prohibitive.

Budget:

Future funding of the project will come from performance fees (where appropriate), and other general fundraising activity (eg busking in the main street).

This will go towards upkeep of band equipment, the purchase of uniform items and ongoing expenses.

In Kind Contributions:

Any shortfalls would be made up by private benefactors, as it is at present.

All musicians are volunteers and once they are established, they are expected to purchase their own instruments.

The group is receiving generous in-kind support from the Coonabarabran sub-branch of the RSL through access to premises for practice sessions for a nominal fee.

From: info@warrumbungle.nsw.gov.au
Sent: Sunday, 27 February 2022 2:30 PM
To: Records Officer
Cc: coonarda@gmail.com
Subject: Community Financial Assistance Donations Round Two 2021/22

You have successfully submitted the following information. This copy is for your records.

First Name and Last Name: [REDACTED]

Organisation name: Riding for the Disabled (NSW) Coonabarabran Centre

Address: Coonabarabran Racecourse Complex, Nelson Street, Coonabarabran 2357

Contact Number: [REDACTED]

Email Address: coonarda@gmail.com

Amount Requested: \$500

Name of Project: Open Day to address the gaps in the service provision to our multicultural community of any age with physical, emotional or mental conditions.

Expected completion date for the project/activity? : November 31 2022

How does this project/activity meet the assessment criteria? :

- *Providing information that wouldn't normally be disseminated to the wider community by seeking to provide access and equity.
- *Provide potential volunteers with the information they require to encourage their participation in our weekly equine activities. Invite local business to encourage ongoing sponsorship for our group.
- *Promote consumer/user participation on the group committee.
- *Provide information to the wider community so they can help us build innovative and creative programs for identified local needs.
- *The above will use council funding to attract further resources and funding.

Budget: There will be no immediate income, any future income will come via sponsors and potential clients.

\$500 asked for used over 1 or more open days.

There is no financial support available from our parent body.

In Kind Contributions: Design and printing of fliers. Radio Interviews. Social Media Advertisement. Preparation and setup of grounds for information stands and activities. Attendance of volunteers to provide, horses, games and other activities on the day/days. Clean up of grounds and equipment.

From: info@warrumbungle.nsw.gov.au
Sent: Monday, 28 February 2022 11:02 AM
To: Records Officer
Cc: [REDACTED]
Subject: Community Financial Assistance Donations Round Two 2021/22

You have successfully submitted the following information. This copy is for your records.

First Name and Last Name: [REDACTED]
Organisation name: Coolah and District Historical Society
Address: [REDACTED]
[REDACTED]
Contact Number: [REDACTED]
Email Address: [REDACTED]
Amount Requested: 500.00
Name of Project: What will Council funds be used for?

Funds will be used for—replacement, re erecting and re siting (if necessary, eg for safety reasons) of Historical signs in the Coolah area , which have been removed since the inception of the Warrumbungle Shire Council.

Some of the signs are— Gotta Rock, near the rock station, the Cunningham Street-River Street sign in Coolah, Where Sam Poo shot Constable Ward@ Barney'sCreek Gulgong Road intersection, Vicinity of Sam Poo's capture near Spring Ridge road and Ulan road intersection, the Allison family sign, near Oakey Creek bridge.

Expected completion date for the project/activity? : June 2022.

How does this project/activity meet the assessment criteria? : Refer to Guidelines for assessment criteria

The re-election of these signs will advertise the historical connection of the area to residents(who are ever changing) and to the travelling public. This will increase the knowledge of the public of the history of their own area, and the knowledge of tourists passing through these areas.

Budget: Expected income and expenditure for the project, noting own funds and whether financial support is available from a parent body

The council contribution will be spent on the replacement of signs. The Historical Society's contribution will be the organisation of replacement signs, and the erection of same.

a small amount of financial support will be available from the CDHS if needed.

In Kind Contributions: Describe volunteer and in-kind contribution to the project/ activity

The CDHS will provide the labour and transport needed for the procurement and installation of the signs, and will oversee their maintenance.

From: info@warrumbungle.nsw.gov.au
Sent: Monday, 28 February 2022 3:40 PM
To: Records Officer
Cc: [REDACTED]
Subject: Community Financial Assistance Donations Round Two 2021/22

You have successfully submitted the following information. This copy is for your records.

First Name and Last Name: Dianne Mulligan. The President.
Organisation name: Mendooran and District Development Group Incorporated.
Address: P.O. Box 62
Mendooran NSW 2842
Contact Number: [REDACTED]
Email Address: [REDACTED]
Amount Requested: \$500.00
Name of Project: What will Council funds be used for?

Council's contribution would be utilised towards the purchase of two new cast-iron bench seats to be placed outside the Mendooran Community Centre.

The existing metal/timber bench seats outside the Mendooran Community Centre are garden bench seats and need to be refurbished. We need to replace these bench seats with stronger and heavier constructed bench seats, that have a higher weight rating.

Expected completion date for the project/activity? : We expect the completion date to be July 2022.

How does this project/activity meet the Refer to Guidelines for assessment criteria

assessment criteria? : This is a service provision for all community members that utilise the Mendooran Community Centre. The Mendooran Community Centre encompasses Health (Community Nurse, Womens Health Clinic, Early Childhood Nurse), Seniors Card Group, Development Group Coordinator, Library, Rural Financial Counsellor and meeting rooms. The Community Centre has an awning out over the footpath which provides shade and shelter. The elderly, disabled and everyone has a place to sit, chat and catchup. The Community Centre is a social hub.

The existing garden bench seats will be refurbished by volunteers and offered to the Mendooran Art and Craft Shop and the CWA Op Shop, both not for profit organisations, to be placed outside their premises (STCA), as many tourists stop, chat and want to know all about Mendooran. This will also contribute to our Mendooran Beautification Plan.

We also want to include the youth of Mendooran to participate in the assembling of the new bench seats and the refurbishment of the old and sad existing seats.

Budget: Expected income and expenditure for the project, noting own funds and whether financial support is available from a parent body

The approximate price of each bench seat is \$430.00 x 2= \$860.00 for benches and

approximately \$80.00 for securing the benches to stop theft, STCA.

Expected Total Project: \$940.00.

A donation from the Mendooran and District Development Group, private donations and fund-raising.

In Kind Contributions: Describe volunteer and in-kind contribution to the project/ activity

Volunteers from Mendooran and District Development Group Incorporated.

Volunteers from the community and other organisations for example the Mendooran Men's Shed.


Supplier discounting bench seats.

Youth community involvement.




Community Financial Assistance Donations Request Form – Round Two 2021/2022

Please use a separate form for each request

Submitted by: *Name: Organisation:	Baradine Rustv Club and Men's shed 26 - 28 Lachlan Street Baradine
Contact Details Address:*	[REDACTED]
Phone/Email Address*:	[REDACTED]
* Information collected will only be used to contact you in relation to this submission.	
Amount of Request \$ (Maximum Request \$500).	500.00
Details of Request: i.e. <ul style="list-style-type: none"> • Name of project (what will Council funds be used for?) • Expected completion date for the project/activity? • How does this project/activity meet the assessment criteria? (Refer to Guidelines for assessment criteria) 	<p>The club has an extensively white ant damaged, separating door and entranceway from the worksnop to our current kitchen and toilet facilities.</p> <p>We have removed the doorjamb, doorframe, and the door as they are beyond repair and also to gain access to treat the instestation.</p> <p>We plan to relace the old timber doorjamb with a steel one, and the door with a solid, treated, external door. This project is beyond the scope of the current members and we have been quoted \$1,200.00 for the replacement, including locks and other hardware. Any assistance we could get towards this project would be gratefully received. The club will be covering the shortfall in funds and the project is estimated to be completed by the 30th of May 2022.</p>
Budget: Expected income and expenditure for the project, noting own funds and whether financial support is available from a parent body	<p>Materials - Solid core treated exterior door, Deadlock, 3x butt hinqes, passage set, steel doorframe \$680.00. Labour - \$520.00.</p> <p>Total cost - \$1,200.00</p> <p>Council contribution (if allowed) \$500.00</p> <p>Club contribution \$800.00</p>
In Kind Contributions: Describe volunteer and in-kind contribution to the project/activity.	Club to provide paint and labour to complete the project and have already demoihsed the old jamb, trame and door.
Signature: Date:	 28th Feb. 2022

Community Financial Assistance Donations Request Form – Round Two 2021/2022

Please use a separate form for each request

Submitted by: *Name: Organisation:	DUNEDOO POLOCROSSE CLUB
Contact Details Address:*	[REDACTED]
Phone/Email Address*:	[REDACTED]
* Information collected will only be used to contact you in relation to this submission.	
Amount of Request \$ (Maximum Request \$500).	\$500
Details of Request: i.e. <ul style="list-style-type: none"> • Name of project (what will Council funds be used for?) • Expected completion date for the project/activity? • How does this project/activity meet the assessment criteria? (Refer to Guidelines for assessment criteria) 	<p>TO PURCHASE 20 NEW GAME BALLS REQUIRED FOR NSW ZONE POLOCROSSE CHAMPIONSHIPS 6 + 7 AUGUST 2022</p> <p>OUR CLUB IS RUN PURELY WITH VOLUNTEERS AND IS AGAIN HOSTING THE NSW ZONE POLOCROSSE CHAMPIONSHIPS IN AUGUST. THIS IS A GREAT OPPORTUNITY FOR OUR SMALL CLUB TO BE ABLE TO CONTINUE WITH IMPROVEMENTS AND ALSO GREAT FOR OUR COMMUNITY AS PEOPLE COME AND SUPPORT OUR LOCAL BUSINESSES DURING THEIR STAY.</p>
Budget: Expected income and expenditure for the project, noting own funds and whether financial support is available from a parent body	TOTAL COST 20 BALLS @ \$50 ea = \$1000
In Kind Contributions: Describe volunteer and in-kind contribution to the project/activity.	DUNEDOO POLOCROSSE TO PROVIDE BALANCE OF FUNDS - \$500
Signature:	
Date:	28.2.2022

From: info@warrumbungle.nsw.gov.au
Sent: Monday, 28 February 2022 9:06 PM
To: Records Officer
Cc: binnawaytennisclub@gmail.com
Subject: Community Financial Assistance Donations Round Two 2021/22

You have successfully submitted the following information. This copy is for your records.

First Name and Last Name: [REDACTED]
Organisation name: Binnaway Tennis Club Incorporated
Address: Yarran Street, Binnaway, NSW 2395
Contact Number: [REDACTED]
Email Address: binnawaytennisclub@gmail.com
Amount Requested: \$400
Name of Project: What will Council funds be used for?
Install new taps in the Binnaway Tennis Clubhouse and Boxing Gym
Expected completion date for the project/activity? : 30 June 2022
How does this project/ activity meet the assessment criteria? : Refer to Guidelines for assessment criteria
- Supports volunteers to run social tennis and maintain facilities
- Tennis club is growing in members (35) and holds weekly social tennis open to the whole community
- Disadvantaged families and children are participating in the sport
- Volunteers mow, spray weeds and organise competitions
- New taps will help to improve aging facilities and reduce water losses through leaks/existing corrosion
Budget: Expected income and expenditure for the project, noting own funds and whether financial support is available from a parent body
\$170 new taps and spout in kitchen
\$180 new tap sets in men's and ladies toilets
\$50 plumbing supplies to install
\$320 installation
In Kind Contributions: Describe volunteer and in-kind contribution to the project/ activity
Volunteer hours and equipment to remove old taps and install new taps (est. four hours) \$320 in-kind contribution

Community Financial Assistance Donations 2021/22 Round 2

Evaluation of Applications

Assessment Criteria

High priority given to:

1. Activities that address gaps in service or community development.
2. Activities that promote community development in a multicultural context and seek to address issues of access and equity.
3. Involvement from volunteers and self-help initiatives that build upon Council's contribution.
4. Consumer/user participation in management of services/activities.
5. Innovative and creative approaches to identified needs.
6. Activities that use Council funding to attract further resources.

Low priority given to:

- a. Activities/services that do not attempt to become self-supporting where the potential exists through fees or other feasible income-producing activities.
- b. Activities of a purely social nature, which do not address the needs of disadvantaged groups.
- c. Activities that are eligible for support from state-wide or regional parent bodies.
- d. Organisations that have not observed accountability requirements for past Council assistance.

ID Number	Name	Project	Amount requested (\$)	High priority met	Low priority met	Recommended donation (\$)
1 (146946)	Baradine Pastoral, Agricultural and Horticultural Society	Pre-annual Baradine Show grounds preparation	500.00	2, 3, 4, 6	Nil	500.00
2 (147546)	Black Stump Craft Shop Incorporated T/As Coolah Crafts	Connect water and sewage to old RSL building at Coolah, recently purchased by Coolah Crafts	500.00	3, 4, 6	Nil	500.00
3 (147587)	Coonabarabran Rugby Club Inc	Offset electricity costs	500.00	2, 3	a	500.00
4 (147790)	Coonabarabran Local Aboriginal Land Council	Contribution to Sorry Day Morning Tea	500.00	1, 2, 3, 4	Nil	500.00

5 (147829)	Coonabarabran High School	Contribution to Breakfast Club program	500.00	1, 2, 4, 5	c	500.00
6 (147853)	Coolah Lions Club	Contribution to paint and materials to repair flood damaged Driver Reviver building	500.00	3, 4	Nil	500.00
7 (147872)	Coonabarabran Rotary Club	Contribution to Driver Awareness Program	500.00	1, 2, 3, 4	c	500.00
8 (147884)	Yarn Support Connect	Contribution to 'Fit In' program	500.00	1, 2, 3, 4, 5, 6	Nil	500.00
9 (147896)	Dunedoo Central School	Purchase outdoor fitness equipment and materials for Fitness Circuit on school grounds	500.00	1, 2, 4, 6	c	500.00
10 (147936)	Coolah Veterans and Friends Group	Contribution to ANZAC Day commemorations at Coolah: 1. An inclusive ANZAC Day breakfast/ morning tea for the Coolah community; 2. Purchase of ANZAC Day flags for display in Binnia Street	500.00	2, 3, 4, 6	Nil	500.00
11 (148051)	SPACE	Waste 2 Art 2022 prize money	500.00	3, 4, 5, 6	Nil	500.00
12 (148052)	Creative Collectives ARI Inc	Contribution to purchase of air purifier to reduce risk of COVID and other illnesses and encourage return of 'in person' sessions for artist group catering to people with disabilities	500.00	1, 2, 3, 4	Nil	500.00
13 (148071)	Baradine Golf Club	Contribution to rates at Baradine Golf Club – club's finances impacted by COVID	500.00	3, 4, 6	Nil	500.00
14 (148286)	Dunedoo Lions Club	Contribution to marketing and promotional materials for Art Unlimited	500.00	3, 4, 5, 6	Nil	500.00
15 (148343)	Samaritans Foundation	Subsidise travel costs for male volunteer to attend Facilitated Playgroup sessions, thereby improving diversity of participants	500.00	2, 3, 4, 5	Nil	500.00
16 (148395)	Dunedoo and District Development Group	Contribution to additional 'Welcome to Dunedoo' sign acknowledging Wiradjuri Country	500.00	2, 3, 4	Nil	500.00
17 (148396)	Leadville Community Group	Assist with costs to further mow and maintain Leadville Park block	500.00	1, 3, 4, 6	Nil	500.00

18 (148397)	Dunedoo Swimming Club	Contribution to cost of laptop for the swimming club	500.00	2, 3, 4	Nil	500.00
19 (148429)	Dunedoo Rugby League Football Club	Contribution to purchase of new refrigerator to be installed in the new amenities building being erected at Robertson Oval, Dunedoo	500.00	2, 3, 4	Nil	500.00
20 (148440)	Coonabarabran Orbital Swing Band Inc	Contribution to cost of public liability insurance, allowing community band to continue public performances.	500.00	1, 2, 3, 4	Nil	500.00
21 (148442)	Coonabarabran Highland Pipe Band	Seed funding to further develop a Coonabarabran Highland Pipe Band	500.00	1, 2, 3, 4, 5, 6	Nil	500.00
22 (148451)	Coonabarabran Riding for the Disabled	Contribution to the service holding an Open Day to address gaps in the service provision to multicultural community of any age with physical, emotional or mental conditions.	500.00	1, 2, 3, 4, 6	Nil	500.00
23 (148461)	Coolah and District Historical Society	Replacement, re-erecting and re siting (if necessary) of Historical signs in the Coolah area	500.00	3, 4, 6	Nil	500.00
24 (148508)	Mendooran and District Development Group Inc	Contribution to the purchase of two new cast-iron bench seats to be placed outside the Mendooran Community Centre.	500.00	3, 4	Nil	500.00
25 (148509)	Baradine Men's Shed	Contribution to the cost of replacing doorjamb and door damaged by white ants	500.00	2, 3, 4	Nil	500.00500.00
26 (148510)	Dunedoo Polocrosse Club	Purchase of 20 replacement balls ahead of hosting NSW Zone Polocrosse Championships in August 2022.	500.00	3, 4, 6	Nil	500.00
27 (148511)	Binnaway Tennis Club	New taps and plumbing supplies for kitchen and amenities at Binnaway Tennis Clubhouse and Boxing Gym. Installation to be completed by club volunteer labour.	400.00	2, 3, 4	Nil	400.00

COONABARABRAN SPORTING COMPLEX ADVISORY COMMITTEE TERMS OF REFERENCE

1. Council Portfolio

Technical Services

2. Establishment

The committee is established under section 355 of the *Local Government Act 1993* (NSW):

*A function of a council may, subject to this Chapter, be exercised: (b)
by a committee of the council*

3. Purpose

Assess the condition and usefulness of the existing amenities buildings and sporting facilities at Coonabarabran Sporting Complex and develop a strategy for these facilities based on existing and future sport and recreation demands.

Core responsibilities and duties of the committee are to:

- Determine current and potential sport and recreation users of the complex facilities including volume and frequency of use;
- Develop a long-term strategy for the Sporting Complex in the form of a Master Plan including cost estimates and priorities of improvements;
- Investigate and obtain external sources of funding; and
- Make recommendations to Council on any matter related to improvements of the Sporting Complex.

4. Term

The committee will dissolve at the next Council Ordinary Election. Council may by resolution dissolve the committee at any time.

5. Membership

Committee representation will be comprised of the following:

- Two councillors, one of whom will be the Chairperson, as elected by Council;
- One community representative from each of the following user groups, or as determined by Council:
 - Coonabarabran Amateur Boxing Gym;
 - Coonabarabran Junior Rugby League & Netball Club;
 - Coonabarabran Netball Association;
 - Coonabarabran Soccer Club;
 - Coonabarabran Rugby League Football Club;
 - Coonabarabran Rugby Union Club; and
 - Coonabarabran Junior Rugby Union Football Club
- Representatives of relevant government or community agencies as determined by the committee;
- The Manager Urban Services and Facilities (non-voting) shall also attend meetings as the Executive Officer.

6. Quorum

Quorum is half plus one of the membership. No business will be transacted by the committee unless a quorum is present. If, within half an hour of the appointed start time of the meeting a quorum is not present, the meeting is to stand adjourned to the same place and time of the same day in the following week.

7. Voting

Each member of the committee is entitled to one vote only. In the equality of votes, the matter is to be referred to Council for determination.

8. Meeting Schedule

Meetings will be bi-monthly, or as determined by the Chairperson in consultation with the committee, at locations and times determined by the committee.

9. Executive Officer

The Executive Officer will be directly responsible for the organisational function of the committee.

The Executive Officer:

- provides executive support to the committee;
- is responsible for preparing the meeting agenda and minutes;
- is responsible for preparing a report to Council containing the minutes and, if applicable, providing staff comment of the recommendations of the committee; and
- provides to the committee the outcome and resolutions of Council regarding each recommendation.

10. Agenda

Agendas will be determined by the Chairperson. As a minimum, agendas will include the following standard items:

- opening of meeting and apologies;
- confirmation of previous minutes and matters arising;
- review of outstanding actions;
- specific items varying from meeting to meeting;
- general business; and
- formal close of meeting.

The Executive Officer will circulate the agenda and supporting material at least three business days before a meeting. Any supporting material or papers that are confidential will be clearly marked as such and remain confidential to members.

The Executive Officer will also send meeting reminders and minutes to members.

11. Reporting

Directly to Council by recommendation recorded in meeting minutes.

12. Code of Conduct

Council's Code of Conduct applies to members of the committee.

13. Code of Meeting Practice

Council's Code of Meeting Practice will guide the meeting procedures of the committee.

14. Delegations

The committee has no Council delegations.

15. Financial Arrangements

Unless expressly resolved by Council the committee has no powers to commit or expend any Council funds.

16. Media Liaison

The Mayor is the designated media spokesperson for Council.

17. Vacancies

Vacancies may arise during the term of the committee. If a vacancy does occur, the Council will seek expressions of interest to fill the vacancy.

18. Relevant Policies/Documents

Local Government Act 1993 (NSW)

Warrumbungle Shire Council Code of Conduct

Warrumbungle Shire Council Code of Meeting Practice

Warrumbungle Shire Community Strategic Plan

Warrumbungle Shire Council Operational and Delivery Program

Copies of these and other documents are available on Council's website at www.warrumbungle.nsw.gov.au or from the committee clerk.

COONABARABRAN SWIMMING POOL ADVISORY COMMITTEE TERMS OF REFERENCE

1. Council Portfolio

Technical Services

2. Establishment

The committee is established under section 355 of the *Local Government Act 1993* (NSW):

*A function of a council may, subject to this Chapter, be exercised: (b)
by a committee of the council*

3. Purpose

The purpose of the committee is to assess the condition and usefulness of the existing amenities, buildings, and facilities at the Coonabarabran Swimming Pool Complex and develop a long-term strategy for upgrade and improvement to these facilities, based on existing and future sport and recreation demands of the Shire.

Core responsibilities and duties of the committee are to:

- Assistance with determining current status of the complex, including identification of issues that need to be rectified;
- Determining current and potential users of the complex facilities including volume and frequency of use;
- Input into the development of a long-term strategy for the Swimming Pool Complex in the form of a Master Plan and planned improvements;
- Investigation into, and assistance in obtaining, external sources of funding; and
- Making of recommendations to Council on matters related to improvements of the Swimming Pool Complex.

4. Term

The committee will dissolve at the next Council Ordinary Election. Council may by resolution dissolve the committee at any time.

5. Membership

Committee representation will be comprised of the following:

- Two councillors, one of whom will be the Chairperson, as elected by Council;
- Four user group representatives, or as determined by Council;
- Two community representatives, or as determined by Council;
- Representatives of relevant government or community agencies as determined by the committee;
- The Manager Urban Services and Facilities (non-voting) shall also attend meetings as the Executive Officer.

6. Quorum

Quorum is half plus one of the membership. No business will be transacted by the committee unless a quorum is present. If, within half an hour of the appointed start time of the meeting a quorum is not present, the meeting is to stand adjourned to the same place and time of the same day in the following week.

7. Voting

Each member of the committee is entitled to one vote only. In the equality of votes, the matter is to be referred to Council for determination.

8. Meeting Schedule

Meetings will be bi-monthly, or as determined by the Chairperson in consultation with the committee, at locations and times determined by the committee.

9 Executive Officer

The Executive Officer will be directly responsible for the organisational function of the committee.

The Executive Officer:

- provides executive support to the committee;
- is responsible for preparing the meeting agenda and minutes;
- is responsible for preparing a report to Council containing the minutes and, if applicable, providing staff comment of the recommendations of the committee; and
- provides to the committee the outcome and resolutions of Council regarding each recommendation.

10. Agenda

Agendas will be determined by the Chairperson. As a minimum, agendas will include the following standard items:

- opening of meeting and apologies;
- confirmation of previous minutes and matters arising;
- review of outstanding actions;
- specific items varying from meeting to meeting;
- general business; and
- formal close of meeting.

The Executive Officer will circulate the agenda and supporting material at least three business days before a meeting. Any supporting material or papers that are confidential will be clearly marked as such and remain confidential to members.

The Executive Officer will also send meeting reminders and minutes to members.

11. Reporting

Directly to Council by recommendation recorded in meeting minutes.

12. Code of Conduct

Council's Code of Conduct applies to members of the committee.

13. Code of Meeting Practice

Council's Code of Meeting Practice will guide the meeting procedures of the committee.

14. Delegations

The committee has no Council delegations.

15. Financial Arrangements

Unless expressly resolved by Council the committee has no powers to commit or expend any Council funds.

16. Media Liaison

The Mayor is the designated media spokesperson for Council.

17. Vacancies

Vacancies may arise during the term of the committee. If a vacancy does occur, the Council will seek expressions of interest to fill the vacancy.

18. Relevant Policies/Documents

Local Government Act 1993 (NSW)

Warrumbungle Shire Council Code of Conduct

Warrumbungle Shire Council Code of Meeting Practice

Warrumbungle Shire Community Strategic Plan

Warrumbungle Shire Council Operational and Delivery Program

Copies of these and other documents are available on Council's website at www.warrumbungle.nsw.gov.au or from the committee clerk.

COONABARABRAN TOWN BEAUTIFICATION ADVISORY COMMITTEE TERMS OF REFERENCE

1. Council Portfolio

Technical Services

2. Establishment

The committee is established under section 355 of the *Local Government Act 1993* (NSW):

*A function of a council may, subject to this Chapter, be exercised: (b)
by a committee of the council*

3. Purpose

The purpose of the committee is to make recommendations on specific projects and or development of strategies for the beautification of Coonabarabran.

Core responsibilities and duties of the committee are to:

- Input into the development of a beautification Master Plan with a strategic focus on improving the appearance of street landscapes;
- Assistance with determining current issues with town landscapes, including identification of issues that need to be rectified;
- Investigation into, and assistance in obtaining, external sources of funding and
- Making of recommendations to Council on matters relating to specific town beautification projects or strategies.

4. Term

The committee will dissolve at the next Council Ordinary Election. Council may by resolution dissolve the committee at any time.

5. Membership

Committee representation will be comprised of the following:

- Two councillors, one of whom will be the Chairperson, as elected by Council;
- Six community representatives, or as determined by Council;
- The Manager Urban Services and Facilities (non-voting) shall also attend meetings as the Executive Officer.

6. Quorum

Quorum is half plus one of the membership. No business will be transacted by the committee unless a quorum is present. If, within half an hour of the appointed start time of the meeting a quorum is not present, the meeting is to stand adjourned to the same place and time of the same day in the following week.

7. Voting

Each member of the committee is entitled to one vote only. In the equality of votes, the matter is to be referred to Council for determination.

8. Meeting Schedule

Meetings will be every 2 months, or as determined by the Chairperson in consultation with the committee, at locations and times determined by the committee.

9. Executive Officer

The Executive Officer will be directly responsible for the organisational function of the committee.

The Executive Officer:

- provides executive support to the committee;
- is responsible for preparing the meeting agenda and minutes;
- is responsible for preparing a report to Council containing the minutes and, if applicable, providing staff comment of the recommendations of the committee; and
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ROBERTSON OVAL ADVISORY COMMITTEE TERMS OF REFERENCE

1. Council Portfolio

Technical Services

2. Establishment

The committee is established under section 355 of the *Local Government Act 1993* (NSW):

*A function of a council may, subject to this Chapter, be exercised: (b)
by a committee of the council*

3. Purpose

Assess the condition and usefulness of the existing amenities buildings at Robertson Oval in Dunedoo and based on existing and potential sport and recreation demands, determine a strategy for the amenities building that best meets the needs of users.

Core responsibilities and duties of the committee are to:

- Determine current and potential sport and recreation users of the amenities building in Robertson Oval including volume and frequency of use;
- Assess the feasibility of upgrading existing building in terms of benefits and costs;
- Canvass and report on options for management of any upgraded amenities building;
- Liaise with consultants for preparation of any amenities concept plan;
- Confirm extent of Robertson Oval complex by confirming property boundary and determine preferred location of any upgraded amenity facility.
- Investigate and obtain external sources of funding; and
- Make recommendations to Council on any matter related to amenities building at Robertson Oval.

4. Term

The committee will dissolve at the next Council Ordinary Election. Council may by resolution dissolve the committee at any time.

5. Membership

Committee representation will be comprised of the following:

- Two councillors, one of whom will be the Chairperson, as elected by Council;
- Four community representatives, or as determined by Council;
- Dunedoo Development Group Coordinator (non-voting);
- The Manager Urban Services and Facilities (non-voting) shall also attend Committee meetings as the Executive Officer.

6. Quorum

Quorum is half plus one of the membership. No business will be transacted by the committee unless a quorum is present. If, within half an hour of the appointed start time of the meeting a quorum is not present, the meeting is to stand adjourned to the same place and time of the same day in the following week.

7. Voting

Each member of the committee is entitled to one vote only. In the equality of votes, the matter is to be referred to Council for determination.

8. Meeting Schedule

Meetings will be bi-monthly, or as determined by the Chairperson in consultation with the committee, at locations and times determined by the committee.

9. Executive Officer

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15. Financial Arrangements

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16. Media Liaison

The Mayor is the designated media spokesperson for Council.

17. Vacancies

Vacancies may arise during the term of the committee. If a vacancy does occur, the Council will seek expressions of interest to fill the vacancy.

18. Relevant Policies/Documents

Local Government Act 1993 (NSW)

Warrumbungle Shire Council Code of Conduct

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Warrumbungle Shire Community Strategic Plan

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Attachment 1 - Crown Land Reserves – Table of Descriptions and Maps

Reserve No	Lots	Known As	Purpose	Guidance LG Act Category*	WSC Suggested Classification and Categorisation	Considerations/Justification* *if WSC classification/categorisation differs from Guidance category
85378	Lot 102 DP 753366 & Lot 111 DP 728777	BANDULLA RUBBISH DEPOT	Rubbish Depot	General Community Use	<u>Operational</u>	Bandulla's Rubbish Depot remains active and is currently used as a waste transfer station. Despite its current less intensive use, contamination may remain on this site and as such, classifying the site operational best suits this reserve for reasons of safety and public health. *Reserve Map 1
86971	Lot 195 DP 750246	RUBBISH DEPOT (closed in 2004)	Rubbish Depot	General Community Use	<u>Operational</u>	Upon closure of this rubbish depot, contamination may remain. Due to this, operational classification is recommended to ensure the site is kept secure for reasons of public health and safety. *Reserve Map 2
89960	Lot 183 DP 750246	RESERVE BARADINE	Public Recreation	Park	<u>Community Park</u>	Guidance category appropriate. Plant Community Type (PCT) 399 exists on site: Not associated with Threatened Ecological Communities (TECs). Guidance category appropriate. *Reserve Map 3
120056	Lot 219 DP 720282	BARADINE BUSHFIRE BRIGADE & RESCUE STATION	Fire Brigade - Rescue Station	General Community Use	<u>Operational</u>	This reserve is currently used for the SES and RFS for emergency purposes. The reserve is dominated by an emergency services shed - vehicles and equipment which must be kept in a secure premises. As such, the reserve serves its dedicated purpose but is not truly open to the public. Operational best suits this reserve's classification. *Reserve Map 4
68452	Lots 7300-7302 DP 1139960	BARADINE RECREATION AND CAMPING	Camping/ Public Recreation/ Resting Place	General Community Use/Park	<u>Community General Community Use</u>	Current use is vacant passive Creekside camping area on northern side of Baradine. Guidance category appropriate. PCT 398 & 401: Not associated with TECs* *Reserve Map 5
120110	Lot 26	RIFLE RANGE	Environment	Natural Area	<u>Operational</u>	Current use is for an <u>operational</u> rifle



Attachment 1 - Crown Land Reserves – Table of Descriptions and Maps

	DP 753384, Lot 7004 DP 1117467, Lot 7011 DP 1032415		al Protection			range. As the rifle range is in use and additional approvals are required to be maintained at such a site, security at the site is paramount. Operational is therefore most appropriate. *Reserve Map 6
65440	Lots 102 & 131 DP 754959	BINNAWAY SHOWGROUND	Showground	General Community Use	<u>Community</u> General Community Use	Currently utilised by a Showground Committee. Guidance category appropriate. No PCT identified on site. *Reserve Map 7
90694	Lots 7008- 7009 DP 1032352	GREENBAH CREEK RECREATION	Public Recreation	Park	<u>Community</u> - Park	Guidance category appropriate. PCT 81, 84, 281* on site. 81 & 281 associated with TEC*. This can be managed through PoM process as this site is not subject to threat abatement plans or listings for threatened species. *Reserve Map 8
36127	Lot 89 DP 755476	PRESERVATION OF GRAVES	Preservatio n of graves	Area of Cultural Significance	<u>Community</u> - Area of Cultural Significance	This reserve remains set aside for the preservation of graves. Area of Cultural Significance is most appropriate. Site recorded in SHI database for heritage areas (however not listed in LEP). *Reserve Map 9
31715	Lot 701 DP 1028248	QUEENSBOROUGH PARK	Public Recreation	Park	<u>Community</u> - Park	This Park in Coolah is an open passive park with scattered trees. No PCT identified on this cleared site. Guidance category appropriate. *Reserve Map 10
44862	Lot 74 DP 754966	NIGHT SOIL DEPOT	Night Soil Depot	General Community Use	<u>Operational</u>	This reserve was used as a night soil depot in the past. Without surety of contamination clearance, it is in the public interest that this reserve be classified operational. This reserve is closed to the public for the above reason. *Reserve Map 11
51177	Lot 7027 DP 1061329	QUEENSBOROUGH PARK WEST	Public Recreation	Park	<u>Community</u> - Park	Guidance category appropriate for this passive recreation area. No PCT identified on this cleared site. *Reserve Map 12
51266	Lot 83 DP 754966	COOLAH WASTE TRANSFER DEPOT	Rubbish Depot - Sanitary Purposes	General Community Use	<u>Operational</u>	This reserve, having been used as a rubbish depot in the past and without surety of potential for contamination or otherwise, it is in the public interest that this reserve



Attachment 1 - Crown Land Reserves – Table of Descriptions and Maps

						be classified operational. This reserve is closed to the public for the above reason. *Reserve Map 13
65210	Lot 123 DP 44929	COOLAH NIGHT SOIL DEPOT	Addition - Rubbish Depot - Sanitary	General Community Use	<u>Operational</u>	This reserve, having been used as a night soil and rubbish depot in the past and clearance of potential for contamination, it is in the public interest that this reserve be classified operational. This reserve is closed to the public for the above reason. *Reserve Map 14
81773	Lot 701 DP 1028247	JORROCK'S PARK	Resting Place	General Community Use	<u>Community - General Community Use</u>	Guidance category appropriate. Registered as an Off leash area under Companion Animals Act. No PCT identified on this passive cleared site. *Reserve Map 15
83250	Lot 701 DP 1016659	THREE CORNER PARK	Public Recreation	Park	<u>Community - Park</u>	Guidance category appropriate. Currently a passive open space area. No PCT identified on this cleared site. *Reserve Map 16
11	Lot 7028 DP 1061329	QUEENSBOROUGH PARK, COOLAH	Park	Park	<u>Community - Park</u>	This is a substantially cleared park in Coolah with a PCT of 468* on site. No TECs are associated with this PCT. One AHIMS site registered on this lot. A licence for grazing currently exists on this reserve. Categorisation of Park remains appropriate with AHIMS items and licence occupancies able to be protected and dealt with in PoM. *Reserve Map 17
14138	Lot 7033 DP 1002144	RIFLE RANGE	Public Recreation	Park	<u>Community - Park</u>	This Reserve is <u>not</u> used for a rifle range - it is a passive open space area. The reserve is located on the banks of the Castlereagh River close to Coonabarabran and contains PCT 399 which is not associated with TECs. No AHIMS items listed on this reserve. Guidance categorisation appropriate. *Reserve Map 18
44885	Lot 497 DP 753378, Lot 579 DP 720339	RIFLE RANGE (PART)	Public Recreation	Park	<u>Operational</u>	This is the only dedicated Crown Rifle Range still open and active. PCTs 379 & 386 exist on this lot. Neither are associated with TECs. NO AHIMS items located on these lots. Due to use of the site as active rifle range, this reserve is recommended to be



Attachment 1 - Crown Land Reserves – Table of Descriptions and Maps

						classified operational. **Note: CL have advised Lot 1 DP 721926 is not part of this reserve. This will be updated in their records in due course. *Reserve Map 19
49164	Lot 702 DP 1002147	RIFLE RANGE	Public Recreation	Park	Community - Park	This Reserve is <u>not</u> used for a rifle range. Rather, it forms part of a larger open space area on the Castlereagh River. Current use of this reserve is as originally intended - park and playground. PCTs 84 & 399 are present on site which are not associated with TECs. No AHIMS items listed on the reserve. Guidance category of Park is appropriate. *Reserve Map 20
520072	Lot 329- 330 DP 753378, Lot 5 DP 839637, Lot 7012 DP 1030457, Lot 7041 DP 1027284	RIFLE RANGE	Public Recreation	Park	Community - Park	This Reserve fronts the Timor Road and Castlereagh River and surrounds the water filtration plant. PCTs 84 and 281 are found on site with 281 potentially containing TECs. This Reserve is located near AHIMS listed items which are mentioned as being on Nandi Common. As the AHIMS sites are not on this Reserve, this is mentioned here as more of a precautionary matter and can be handled through the PoM. Park is appropriate. *Reserve Map 21
56732	Lot 7031 DP 1027288	RIFLE RANGE	Public Recreation	Park	Community - Park	This is a Reserve on Namoi Street in Coonabarabran. As it is substantially cleared, no PCTs are listed on the reserve. It is not used for a rifle range. Park is appropriate. *Reserve Map 22
86082	Lot 7039 DP 1027286	RIFLE RANGE	Public Recreation	Park	Community Park	Fronting Gordon & Hill Streets in Coonabarabran, this reserve has no PCTs or AHIMS listed and Park is the appropriate category. Not used as a rifle range. *Reserve Map 23
88128	Lot 17- 18 Sec 46 DP 758281, Lot 430 DP	RIFLE RANGE	Public Recreation	Park	Community - Park	Fringe timbered park on western edge of Coonabarabran. PCT 379 listed but does not have TECs associated with it. No AHIMS items listed on site. Categorisation of Park appropriate. *Reserve Map 24



Attachment 1 - Crown Land Reserves – Table of Descriptions and Maps

	753378, Lot 7027 DP 1117881					
88348	Lot 7038 DP 1055790	RIFLE RANGE	Public Recreation	Park	<u>Community - Park</u>	This passive timbered park on the Castlereagh River contains PCT 84 (River Oak & rough barked apple) which is not listed to contain TECs. No items found on the AHIMS register. Park is appropriate. *Reserve Map 25
89680	Lot 4 Sec 55 DP 758281	PLAYGROUND COONABARABRAN	Park	Park	<u>Community - Park</u>	This open passive park in Coonabarabran contains no PCTs or AHIMS items. Park is appropriate. *Reserve Map 26
90768	Lot 530 DP 753378	MASTERS PARK	Public Recreation	Park	<u>Community - Park</u>	This open space area is located near the Showground and contains a cricket pitch. Scattered trees are located along a drainage channel which contain PCT 281 (Rough-barked apple). This PCT may contain TECs. However, due to the park's location in a built-up area, the potential for extensive biodiversity is limited. Recommended to remain in Park category with intentions listed to retain established vegetation on site. No AHIMS items on site. *Reserve Map 27
120017	Lot 589 DP 721790	VISITOR INFORMATION CENTRE	Parking	General Community Use	<u>Revoked - no longer Crown Land</u>	<i>Advice confirmed from Crown Lands that this Reserve has been revoked and is under the control of WSC. No categorisation or PoM required under this process. This reserve is kept here in the interest of completeness but will not require inclusion in the recommended categorisations to Crown Lands.</i>
46646	Lot 253 DP 753378	COONABARABRAN RACECOURSE	Addition - Racecourse	Sportsground	<u>Community - Sportsground</u>	The Coonabarabran Racecourse, located on Reservoir St in a fringe setting, is partially leased by the Coonabarabran Jockey Club and contains PCT 379 (Inland Scribbly gum) - not associated with TECs. No AHIMS items are listed on the site. Sportsground is recommended for this reserve and reserve



Attachment 1 - Crown Land Reserves – Table of Descriptions and Maps

						47760 (as they both contain the Racecourse) and are actively used by sporting clubs. *Reserve Map 28
47760	Lot 125 DP 753378	COONABARABRAN RACECOURSE	Racecourse	Sportsground	Community - Sportsground	Guidance category appropriate. As for above reserve, it does not conflict with current leasing arrangements. No AHIMS or PCTs on site to suggest different categorisation. Reserve contains PCTs 379, 281. PCT 281 assoc with TECs. Rather than the reserve contain split categories, it is recommended to retain sportsground with area of PCT 281 to be managed through the PoM for biodiversity protection/enhancement. *Reserve Map 29
89626	Lot 7002 DP 1002156	COONABARABRAN FLORA RESERVE	Preservation of Native Flora	Natural Area	Community - Natural Area - Bushland	Located on the Baradine Road, this large Reserve contains PCT 379 which is not associated with TECs. No AHIMS items are registered on the site. Guidance category is appropriate. *Reserve Map 30
96923	Lot 575 DP 46121	NATIVE GROVE CEMETERY	Cemetery Purposes	General Community Use	Community - General Community Use	This Reserve contains the Coonabarabran Lawn Cemetery. Guidance category appropriate. No PCTs or AHIMS items on site. *Reserve Map 31
97723	Lot 7301 DP 1137747	RESERVE COONABARABRAN	Public Recreation	Park	Community - Park	Timbered lot on the north-eastern edge of Coonabarabran, contains PCT 281 which is associated with TECs. No AHIMS items on site. Reserve is an off-leash area under the Companion Animals Act. Guidance category appropriate with PoM to address any potential threatened communities. *Reserve Map 32
86105	Lot 7001 DP 1016445	RIFLE RANGE	Public Recreation	Park	Community - Park	Located remote from towns, this Reserve contains 3 sites as recorded in the AHIMS register. These sites can be protected/managed within the PoM rather than disclose their location for reasons of protection. The Reserve also contains PCT 401 and 421 with 421 being associated with TECs. Guidance category appropriate with PoM to address flora/fauna habitat



Attachment 1 - Crown Land Reserves – Table of Descriptions and Maps

						incentives. *Reserve Map 33
89668	Lot 26 DP 757113	RESERVE ROCKY GLEN	Public Recreation	Park	<u>Community - Park</u>	PCT 433 - potentially contains TECs on this site. No specific listings of endangered/threatened species on this reserve. Located remote from towns, sparsely timbered, no AHIMS items on site. Guidance category appropriate with PoM to address flora/fauna habitat incentives. *Reserve Map 34
1997	Lot 29 DP 39719, Lot 7001 DP 96556, Lot 7300 DP 1140484	RESERVE ROCKY GLEN	Public Recreation	Park	<u>Community - Park</u>	Remote reserve located on Oxley Highway at intersection with Borah Creek Rd. Gazetted in 1884. PCT 399 and 401 present on the reserve - neither are associated with TECs. No AHIMS items on site. Guidance category of Park appropriate. *Reserve Map 35
91389	Lot 7003 DP 94719, Lot 7004 DP 1001546, Lot 7006 DP 94720, Lot 7302 DP 1149225	RESERVE WARKTON	Public Recreation	Park	<u>Community - Park</u>	Remote res located off the Newell Highway at Wattle Springs. No AHIMS items listed on the reserve and PCTs 84, 281, 899* exist on the reserve. PCT 281 associated with TECs. No specific listings of endangered/threatened species on this reserve. Licence for grazing issued on this reserve. Guidance category appropriate as it is in accordance with current use. PoM to address flora/fauna habitat incentives. *Reserve Map 36
92335	Lot 125 DP 40279	RESERVE ULAMAMBRI	Public Recreation	Park	<u>Community - Park</u>	Located south of Coonabarabran, this reserve on the Castlereagh River fronts Warrumbungles Way. No AHIMS items listed for this reserve. PCT 281* covers this reserve (Rough Barked Apple) which is associated with TECs. No specific listings of threatened species on this reserve. Guidance category appropriate due to reserve's remote location and Council's intention to retain natural features of this



Attachment 1 - Crown Land Reserves – Table of Descriptions and Maps

						reserves. *Reserve Map 37
97307	Lots 8-9 DP 753380	RESERVE DERINGULA	Public Recreation	Park	<u>Community - Park</u>	Located on Jack Halls Creek, this reserve contains PCT 84* (River Oak). No TECs associated with this PCT. Licence issued for grazing on this reserve. No AHIMS items on site. Guidance category appropriate. *Reserve Map 38
47862	Lot 7001 DP 1016628	CHIPS RESERVE	Camping/ Public Recreation/ Water Supply	General Community Use	<u>Community - General Community Use</u>	Located west of Coonabarabran, Chips Reserve fronts the Belar Creek and is currently leased. No AHIMS items are on site and a number of PCTs exist on the reserve (incl PCT 393, 395, 420 and 599*). No specific listings of threatened species on this reserve. Guidance category appropriate for current usage. *Reserve Map 39
76398	Lots 64 & 85 DP 753380, Lot 7300- 7301 DP 1149225	BELAR CREEK RECREATION	Public Recreation	Park	<u>Community - Park</u>	Also known as Jack Halls Creek and located at Tannabar, this Reserve is located across from existing Reserve Warkton. No AHIMS items are located on the Reserve. PCT 281 on site but fronting a major highway so opportunities for TECs to thrive are limited. No specific listings of threatened species on this reserve. Guidance category appropriate. *Reserve Map 40
86978	Lots 9- 10 DP 753365, Lot 7300 DP 753365	PUBLIC RECREATION	Public Recreation	Park	<u>Community - Park</u>	Located off Warkton Rd Coonabarabran, this reserve is leased and contains PCTs 281, 395 & 437*. These PCTs can be associated with TECs. Despite this, categorisation of Park can still allow for current land use and protect potential threatened species. No threatened, critical or endangered species recorded on site. Lot 7300 cannot be located however CL have advised that it does exist as part of this reserve and is a closed road. As such it is to be included & categorised. *Reserve Map 41
91071	Lot 131 DP 754983	BABY CREEK RESERVE	Public Recreation	Park	<u>Community - Park</u>	This reserve contains 3 items from the AHIMS register. These items' locations are best kept in confidence and managed through the PoM. Park is appropriate. *Reserve Map 42



Attachment 1 - Crown Land Reserves – Table of Descriptions and Maps

53797	Lot 7006 DP 1126272	FROG HOLLOW	Public Recreation	Park	Community - Park	Reserve in locality of Ulamambri. No AHIMS items on site. PCT 599* showing on site - which is associated with TECs. However, the reserve is located in a built-up area and adjacent to silos. Question validity of PCT 599 in this instance. Guidance category appropriate. *Reserve Map 43
86997	Lot 112 DP 754301	RUBBISH DEPOT	Rubbish Depot	General Community Use	Operational	Due to use as <u>operational/active</u> rubbish depot and risk of contamination, this reserve is recommended to be classified operational. *Reserve Map 44
68100	Lot 205 DP 754291, Lot 7010 DP 93529	ROBERTSON PARK	Public Recreation	Park	Community - Park	Robertson Park is located on the northern side of Dunedoo and fronts the Talbragar River. No AHIMS items on site and PCT 202* is located slightly in the northern end. Most of the Park is cleared and developed for passive and active recreation. Guidance category appropriate. *Reserve Map 45
81962	Lot 701- 702* DP 93288	DUNEDOO WAR MEMORIAL BATHS	Public baths	Park	Community - Park	Guidance category appropriate. No AHIMS or PCTs on site. <i>*Note, Crown Lands have advised that Lot 702 should not have been associated with this Reserve as it does not exist. Steps are being taken to remove this lot from the title description for this Reserve. *Reserve Map 46</i>
89588	Lot 119 DP 754291, Lot 7011 DP 93332, Lot 7012 DP 93290	DUNEDOO RIVERSIDE PARK	Public Recreation	Park	Community - Park	This substantially cleared passive park contains PCT 78* and is not associated with TECs. Licence for grazing issued over this reserve for 2020. This is commensurate with its management as a cleared park. Lot 7012 has two sites listed on the AHIMS register. These sites can be managed as part of the PoM process. *Reserve Map 47
520049	Lot 3 Section 5 DP 758364	JUBILEE MEMORIAL HALL	Public Hall	General Community Use	Community - General Community Use	This cleared site in the township of Dunedoo contains a historic Hall. Hall not listed in LEP as a Heritage Item. Guidance category appropriate. *Reserve Map 48
85661	Lot 338,	GOOLHI PUBLIC	Public	General	Community -	Located on the corner of Goolhi Road and



Attachment 1 - Crown Land Reserves – Table of Descriptions and Maps

	345, 350 DP 755479	HALL	Hall/Public Recreation	Community Use/Park	General Community Use	Boooloola Road, these lots partly contain PCT 101* (Poplar/Yellow & Western Grey Box) which can be associated with TECs. This vegetation can be protected through the PoM. The Goolhi Hall and old tennis courts are also located on site. General Community Use is most appropriate. *Reserve Map 49
90681	Lot 7003 DP 753368	RESERVE GREENBAH CREEK	Public Recreation	Park	<u>Community</u> Park	This lot cannot be found on six maps but is showing as a Crown Reserve on the CL portal. CL have advised that this reserve does exist and Council is to categorise based on the portal maps. This reserve is located at the junction of Greenbah and Wingabutta Creeks. Park is appropriate. *Reserve Map 50
87118	Lot 7001 DP 96951	HOBBSINS GULLY	Resting Place	General Community Use	<u>Community</u> - General Community Use	Located on the eastern side of Leadville, this reserve has a current lease for grazing and contains PCT 281* (Rough barked Apple) which can be associated with TECs. Despite this, the reserve is only sparsely timbered with the vegetation type and not all of the reserve is captured as PCT 281. Guidance category appropriate with more detail able to be provided in the PoM. *Reserve Map 51
95872	Lots 172-173 DP 750766	TALBRAGAR CEMETERY LEADVILLE	Cemetery	General Community Use	<u>Community</u> - General Community Use	This timbered reserve on the northern edge of a rest stop on the Golden Highway contains PCT 437* (Yellow box grassy woodland) which is associated with TECs. As it was set aside for a cemetery, it is not known whether any burials took place here and as such, retaining the category of General Community Use is most appropriate. *Reserve Map 52
98063	Lot 7306 DP 1152229	NULLEN REST AREA	Public Recreation	Park	<u>Community</u> - Park	This reserve contains part of the Highway rest area referred to in Reserve 95872 (above) and part timbered land. PCT 81 covers the timbered portion which can be associated with TECs. The category of Park can continue to protect vegetation types and habitat on site. Park is appropriate. *Reserve Map 53



Attachment 1 - Crown Land Reserves – Table of Descriptions and Maps

1591	Lots 10-16, 3-9 and 7024 Section 13 DP 758668	MENDOORAN CRICKET OVAL	Public Recreation	Park	Community - Park	This reserve contains a cricket oval and some scatterings of PCT 202* (Fuzzy box woodland) which can be associated with TECs. Recommended to include management of these plant communities in the PoM. Park is appropriate as this remains the dominant use. Note - Lot 7024 does not exist on six maps but CL have advised that this lot is a closed road which doesn't have an identifier. Lot 7024 is to be considered as part of this reserve. *Reserve Map 54
1592	Lot 7020 DP 1109623	BRAMBIL PARK	Public Recreation	Park	Community - Park	Partly cleared, this reserve on the southern edge of Mendooran is currently licensed for grazing. The Reserve contains some PCT 78* (River Red Gum) which isn't associated with TECs. Park is appropriate. *Reserve Map 55
73370	Lot 116 DP 754971, Lots 7017-7019 DP 94725	MENDOORAN CAMPING AREA	Public Recreation	Park	Community - Park	Currently used as a camping area on the Castlereagh River, this reserve partly contains PCT 78* (River Red Gum) which isn't associated with TECs. The vegetation on site can be protected through the PoM. Park is appropriate. *Reserve Map 56
77108	Lots 1-2 Sec 9 DP 758668, Lots 6-8 Sec 8 DP 758668, Lot 7030 DP 1095353 Lot 7031 DP 1095448	MENDOORAN PARK	Public Recreation	Park	Community - Park	This reserve contains tennis courts and an open Park in the main street of Mendooran. Park is appropriate. *Reserve Map 57
85682	Lot 7003 DP 94796	BENI CROSSING RESTING PLACE	Resting Place	General Community Use	Community - General Community Use	This reserve on the southern side of the river at Beni Crossing contains PCT 81* (Western Grey Box) and can be associated with TECs. Despite this, the reserve's current passive use and subsequent PoM suits



Attachment 1 - Crown Land Reserves – Table of Descriptions and Maps

						the category of General Community Use. *Reserve Map 58
69283	Lots 38, 103 DP 753366	MENDOORAN NIGHT SOIL DEPOT	Night Soil/Rubbis h Depot	General Community Use	<u>Operational</u>	This reserve is currently used as passive open land which due to past uses, is secured from public access. It is also partly leased. Due to current access restrictions, this reserve is recommended to be classified operational. *Reserve Map 59
69431	Lot 23 DP 754971	RUBBISH DEPOT	Rubbish Depot	General Community Use	<u>Operational</u>	This prior waste facility has potential contamination issues and is closed to the public. Operational is recommended. *Reserve Map 60
76877	Lots 7-8 Sec 1 DP 758674	MERRYGOEN PARK/TENNIS COURTS	Public Recreation	Park	<u>Community - Park</u>	This cleared reserve contains a manager's residence and open space/tennis courts. Park is appropriate. *Reserve Map 61
78473	Lot 7300 DP 1146397	PUBLIC RECREATION	Public Recreation	Park	<u>Community - Park</u>	This sparsely timbered reserve is located on the eastern side of Merrygoen and contains PCT 81* (Western Grey Box) which can be associated with TECs. This reserve has a licence issued over it for grazing. Park is appropriate. *Reserve Map 62
80278	Lots 1-3 Sec 3 DP 758761, Lots 3, 6-9 Sec 5 DP 758761, Lots 7300, 7305 DP 1150039	NEILREX PLAYGROUND	Public Recreation	Park	<u>Community - Park</u>	Lots 1-3 Sec 5 contain tennis courts. Remaining lots are vacant and mostly cleared and used for passive play and use.. Park is appropriate. *Reserve Map 63
120081	Lot 305 DP 728776	UARBRY RUBBISH DEPOT	Rubbish Depot	General Community Use	<u>Operational</u>	This waste depot is closed to the public for potential contamination reasons. Operational is recommended. *Reserve Map 64
97167	Lot 11 DP 704074	PUBLIC HALL	Public Hall	General Community Use	<u>Community - General Community Use</u>	This public hall site in Weetaliba is cleared of vegetation. General Community Use is appropriate. *Reserve Map 65
86771	Lot 110	RUBBISH DEPOT	Rubbish	General	<u>Operational</u>	This prior waste facility has potential



Attachment 1 - Crown Land Reserves – Table of Descriptions and Maps

	DP 40338		Depot	Community Use		contamination issues and is closed to the public. It also contains one (1) item from the AHIMS register. Due to public health and safety issues, this reserve is recommended to be classified operational. *Reserve Map 66
69528	Lot 1 DP 750294	RUBBISH DEPOT	Garbage Depot - Sanitary Purposes	General Community Use	<u>Operational</u>	This prior waste facility is also closed to the public from potential contamination issues. Due to public health and safety issues, this reserve is recommended to be classified operational. *Reserve Map 67
1205	Lot 16 DP 753399, Lot 7001 DP 1025630, Lot 7003 DP 1029640	PUBLIC RECREATION	Public Recreation	Park	<u>Community - Park</u>	Located near Timor Rock, this heavily timbered reserve contains PCTs 379, 393, & 420. None of these are associated with TECs. Guidance category appropriate. *Reserve Map 68
60139	Lot 134 DP 754959 Lot 7015 DP 1033128	SANITARY PURPOSES, BINNAWAY	Sanitary Purposes	General Community Use	<u>Operational</u>	This reserve is currently used as a waste transfer station and has been previously used as a waste facility. The site could be contaminated and is a secured site (with the exception of the transfer section). Due to prior uses and the fact that it is a secure site, this reserve is recommended to be classified operational. *Reserve Map 69
73778	Lot 113 DP 750774	RUBBISH DEPOT, CRABOON VILLAGE	Rubbish Depot	General Community Use	<u>Operational</u>	This site, due to past uses, is secured from public entry and surrounded by farmland. It has the potential for contamination on site. The reserve is landlocked, in that no public access road provides physical or legal access to it. It is currently leased by an adjoining owner. Substantially cleared, this reserve is recommended to be classified operational. *Reserve Map 70



Attachment 1 - Crown Land Reserves – Table of Descriptions and Maps

*TECs are Threatened Ecological Communities, as depicted in the NSW BioNet Vegetation Classification system and the BioNet Atlas of NSW Wildlife. This has since been developed into the SEED data portal. Whilst this database is being continually updated, it represents the best information available online for professionals and the public to complete desktop plant type assessments.

PCT is Plant Community Type - also taken from the above SEED database.

The following Table outlines PCTs mentioned above and the indicative species found within this plant community. If the confidence level for the PCT on site is High, the PCT is associated with Threatened Ecological Communities (TECs) and the PCT is only found within a TEC, then a Natural Area categorisation is to be considered, noting potential Native Title implications.



Table: Plant Community Types

Plant Community Types (PCT)	PCT Common Name	Indicative Species	Confidence Level for PCT	Plant Community Type associated with Threatened Ecological Communities (TECs) Y/N	Plant Community Type only found within the Threatened Ecological Community?
78	River Red Gum riparian tall woodland / open forest wetland in the Nandewar Bioregion and Brigalow Belt South Bioregion	Eucalyptus camaldulensis , Casuarina cunninghamiana / Callistemon sieberi , Leptospermum polygalifolium / Cynodon dactylon , Austrostipa verticillata , Alternanthera denticulata , Commelina cyanea	Medium	No	No
81	Western Grey Box - cypress pine shrub grass shrub tall woodland in the Brigalow Belt South Bioregion	Eucalyptus microcarpa , Callitris glaucophylla , Allocasuarina luehmannii / Maireana microphylla , Acacia hakeoides , Senna form taxon zygothylla , Acacia deanei subsp. deanei / Eremophila debilis , Einadia nutans subsp. nutans , Enteropogon acicularis , Austrostipa scabra subsp. scabra	High	Yes	No



Attachment 1 - Crown Land Reserves – Table of Descriptions and Maps

Plant Community Types (PCT)	PCT Common Name	Indicative Species	Confidence Level for PCT	Plant Community Type associated with Threatened Ecological Communities (TECs) Y/N	Plant Community Type only found within the Threatened Ecological Community?
84	River Oak - Rough-barked Apple - red gum - box riparian tall woodland (wetland) of the Brigalow Belt South Bioregion and Nandewar Bioregion	Casuarina cunninghamiana subsp. cunninghamiana , Angophora floribunda , Eucalyptus blakelyi , Eucalyptus melliodora / Acacia implexa , Bursaria spinosa subsp. spinosa , Notelaea microcarpa var. microcarpa , Callistemon sieberi / Microlaena stipoides var. stipoides , Austrostipa verticillata , Lomandra longifolia , Commelina cyane	High	No	No
101	Poplar Box - Yellow Box - Western Grey Box grassy woodland on cracking clay soils mainly in the Liverpool Plains, Brigalow Belt South Bioregion	Eucalyptus populnea subsp. bimbil , Eucalyptus melliodora , Eucalyptus microcarpa / Geijera parviflora , Maireana microphylla , Alectryon oleifolius subsp. elongatus , Capparis mitchellii , Maireana microphylla / Aristida personata , Chloris truncata , Bothriochloa decipiens ,	High	Yes	No



Attachment 1 - Crown Land Reserves – Table of Descriptions and Maps

Plant Community Types (PCT)	PCT Common Name	Indicative Species	Confidence Level for PCT	Plant Community Type associated with Threatened Ecological Communities (TECs) Y/N	Plant Community Type only found within the Threatened Ecological Community?
		Einadia nutans subsp. nutans			
202	Fuzzy Box woodland on colluvium and alluvial flats in the Brigalow Belt South Bioregion (including Pilliga) and Nandewar Bioregion	Eucalyptus conica , Eucalyptus blakelyi , Eucalyptus melliodora , Callitris glaucophylla / Acacia deanei subsp. paucijuga , Geijera parviflora , Dodonaea viscosa subsp. spatulata / Austrostipa verticillata , Elymus scaber var. scaber , Boerhavia dominii , Elymus scaber var. scaber	High	Yes	No
281	Rough-Barked Apple - red gum - Yellow Box woodland on alluvial clay to loam soils on valley flats in the northern NSW South Western Slopes Bioregion and Brigalow Belt South Bioregion	Angophora floribunda , Eucalyptus blakelyi , Eucalyptus melliodora / Acacia implexa , Dodonaea viscosa subsp. angustifolia , Bursaria spinosa subsp. spinosa , Hibbertia obtusifolia / Austrostipa verticillata , Aristida ramosa , Calotis lappulacea , Arundinella nepalensis	High	Yes	Yes



Attachment 1 - Crown Land Reserves – Table of Descriptions and Maps

Plant Community Types (PCT)	PCT Common Name	Indicative Species	Confidence Level for PCT	Plant Community Type associated with Threatened Ecological Communities (TECs) Y/N	Plant Community Type only found within the Threatened Ecological Community?
379	Inland Scribbly Gum - White Bloodwood - Red Stringybark - Black Cypress Pine shrubby sandstone woodland mainly of the Warrumbungle NP - Pilliga region in the Brigalow Belt South Bioregion	Eucalyptus rossii , Corymbia trachyphloia subsp. amphistomatica , Callitris endlicheri , Eucalyptus macrorhyncha / Bossiaea rhombifolia subsp. rhombifolia , Melichrus erubescens , Persoonia cuspidifera , Cassinia quinquefaria / Joycea pallida , Pomax umbellata , Dichelachne micrantha , Lomandra filiformis subsp. filiformis	High	No	No
386	Tumbledown Red Gum trachyte rock flat sedgeland - shrubland of the Warrumbungle Range region	Eucalyptus dealbata , Callitris glaucophylla / Calytrix tetragona , Phebalium squamulosum subsp. squamulosum , Notelaea microcarpa var. microcarpa , Acacia cultriformis / Isolepis hookeriana , Crassula sieberiana subsp. sieberiana , Wurmbea biglandulosa , Juncus	Low	No	No



Attachment 1 - Crown Land Reserves – Table of Descriptions and Maps

Plant Community Types (PCT)	PCT Common Name	Indicative Species	Confidence Level for PCT	Plant Community Type associated with Threatened Ecological Communities (TECs) Y/N	Plant Community Type only found within the Threatened Ecological Community?
		usitatus			
393	White Box shrubby woodland of the western Liverpool Range, Warrumbungle Range and south-west Pilliga forests, Brigalow Belt South Bioregion	Eucalyptus albens , Callitris glaucophylla , Angophora floribunda , Brachychiton populneus subsp. populneus / Olearia elliptica subsp. elliptica , Notelaea microcarpa var. microcarpa , Acacia implexa , Cassinia quinquefaria / Cymbopogon refractus , Desmodium brachypodum , Austrodanthonia racemosa var. obtusata , Poa sieberiana	High	No	No
395	Derived speargrass - wallaby grass - wire grass mixed forb grassland mainly in the Coonabarabran - Pilliga - Coolah region	Acacia deanei subsp. deanei , Acacia salicina , Senna aciphylla , Dodonaea viscosa subsp. angustifolia / Austrostipa scabra subsp. falcata , Austrostipa verticillata , Dichanthium sericeum subsp. sericeum , Panicum	Low	Yes	No



Attachment 1 - Crown Land Reserves – Table of Descriptions and Maps

Plant Community Types (PCT)	PCT Common Name	Indicative Species	Confidence Level for PCT	Plant Community Type associated with Threatened Ecological Communities (TECs) Y/N	Plant Community Type only found within the Threatened Ecological Community?
		queenslandicum var. queenslandicum / Calotis lappulacea , Sida corrugata , Wahlenbergia stricta subsp. stricta , Vittadinia cuneata			
398	Narrow-leaved Ironbark - White Cypress Pine - Buloke tall open forest on lower slopes and flats in the Pilliga Scrub and surrounding forests in the central north Brigalow Belt South Bioregion	Eucalyptus crebra , Callitris glaucophylla , Allocasuarina luehmannii , Eucalyptus chloroclada / Melichrus urceolatus , Acacia deanei subsp. paucijuga , Cassinia arcuata , Acacia spectabilis / Austrostipa scabra subsp. scabra , Cyperus gracilis , Calotis cuneifolia , Eragrostis lacunaria	High	No	No
399	Red gum - Rough-barked Apple +/- tea tree sandy creek woodland (wetland) in the Pilliga - Goonoo sandstone forests, Brigalow Belt South Bioregion	Eucalyptus blakelyi , Eucalyptus camaldulensis <--> chloroclada , Angophora floribunda , Callitris glaucophylla / Leptospermum polygalifolium subsp. transmontanum , Acacia deanei subsp. paucijuga , Acacia penninervis var. penninervis , Callistemon	High	No	No



Attachment 1 - Crown Land Reserves – Table of Descriptions and Maps

Plant Community Types (PCT)	PCT Common Name	Indicative Species	Confidence Level for PCT	Plant Community Type associated with Threatened Ecological Communities (TECs) Y/N	Plant Community Type only found within the Threatened Ecological Community?
		linearis / Arundinella nepalensis , Juncus continuus , Cyperus lucidus , Alternanthera denticulata			
401	Rough-barked Apple - Blakelys Red Gum - Black Cypress Pine woodland on sandy flats, mainly in the Pilliga Scrub region	Angophora floribunda , Eucalyptus blakelyi , Callitris endlicheri , Eucalyptus chloroclada / Hibbertia obtusifolia , Cassinia arcuata , Acacia spectabilis , Brachyloma daphnoides subsp. pubescens / Lomandra longifolia , Arundinella nepalensis , Imperata cylindrica var. major , Ajuga australis	High	No	No
420	Red Stringybark - Rough-barked Apple +/- Nortons Box open forest on hillslopes in the Warrumbungle NP - Coolah regions	Eucalyptus macrorhyncha , Angophora floribunda , Eucalyptus nortonii / Olearia elliptica subsp. elliptica , Cassinia quinquefaria , Acacia implexa , Dodonaea viscosa subsp. angustifolia / Austrodanthonia racemosa var. obtusata , Elymus scaber var. scaber ,	High	No	No



Attachment 1 - Crown Land Reserves – Table of Descriptions and Maps

Plant Community Types (PCT)	PCT Common Name	Indicative Species	Confidence Level for PCT	Plant Community Type associated with Threatened Ecological Communities (TECs) Y/N	Plant Community Type only found within the Threatened Ecological Community?
		Hydrocotyle laxiflora , Clematis glycinoides var. glycinoides			
421	Yellow Box - White Cypress Pine alluvial terrace flats grassy woodland in the Pilliga forests and surrounds, Brigalow Belt South Bioregion	Eucalyptus melliodora , Callitris glaucophylla , Angophora floribunda / Acacia deanei subsp. paucijuga , Cassinia arcuata , Maireana microphylla / Aristida vagans , Austrostipa scabra subsp. scabra , Vittadinia dissecta var. hirta , Boerhavia dominii	High	Yes	Yes
433	White Box grassy woodland to open woodland on basalt flats and rises in the Liverpool Plains sub-region, BBS Bioregion	Eucalyptus albens , Acacia pendula / Sclerolaena birchii / Austrostipa aristiglumis , Austrodanthonia bipartita , Mentha satureioides , Boerhavia dominii	High	Yes	Yes



Attachment 1 - Crown Land Reserves – Table of Descriptions and Maps

Plant Community Types (PCT)	PCT Common Name	Indicative Species	Confidence Level for PCT	Plant Community Type associated with Threatened Ecological Communities (TECs) Y/N	Plant Community Type only found within the Threatened Ecological Community?
437	Yellow Box grassy woodland on lower hillslopes and valley flats in the southern NSW Brigalow Belt South Bioregion	Eucalyptus melliodora / Pimelea curviflora var. curviflora , Acacia implexa , Acacia decora , Solanum cinereum / Bothriochloa decipiens , Austrostipa aristiglumis , Einadia trigonos , Oxalis perennans	High	Yes	Yes
468	Narrow-leaved Ironbark - Black Cypress Pine +/- Blakelys Red Gum shrubby open forest on sandstone low hills in the southern Brigalow Belt South Bioregion (including Goonoo)	Eucalyptus crebra , Callitris endlicheri , Eucalyptus blakelyi , Eucalyptus sideroxylon / Calytrix tetragona , Melichrus urceolatus , Acacia triptera , Acacia hakeoides / Austrodanthonia monticola , Goodenia hederacea subsp. hederacea , Lomandra filiformis subsp. coriacea , Platysace ericoides	Medium	No	No
599	Blakelys Red Gum - Yellow Box grassy tall woodland on flats and hills in the Brigalow Belt South	Eucalyptus melliodora , Eucalyptus blakelyi , Angophora floribunda / Acacia implexa , Geijera	High	Yes	Yes



Attachment 1 - Crown Land Reserves – Table of Descriptions and Maps

Plant Community Types (PCT)	PCT Common Name	Indicative Species	Confidence Level for PCT	Plant Community Type associated with Threatened Ecological Communities (TECs) Y/N	Plant Community Type only found within the Threatened Ecological Community?
	Bioregion and Nandewar Bioregion	parviflora , Olearia elliptica subsp. elliptica / Aristida personata , Elymus scaber var. scaber , Glycine tabacina , Carex inversa			
899	Kunzea ambigua - Bracelet Honey-myrtle shrubland on rhyolite outcrops, southern South East Corner Bioregion	Allocasuarina littoralis , Dodonaea truncatiales , Kunzea ambigua , Leionema ralstonii / Dendrobium speciosum , Entolasia stricta , Lepidosperma laterale , Lepidosperma urophorum	Very Low	No	No

Appendix A: Reserve Maps

Reserve Map 1. R85378 Bandulla Rubbish Depot





Reserve Map 2. R86971 Baradine Rubbish Depot





Reserve Map 3. R89960 Reserve Baradine





Reserve Map 4. R120056 Baradine Bushfire Brigade and Rescue Station





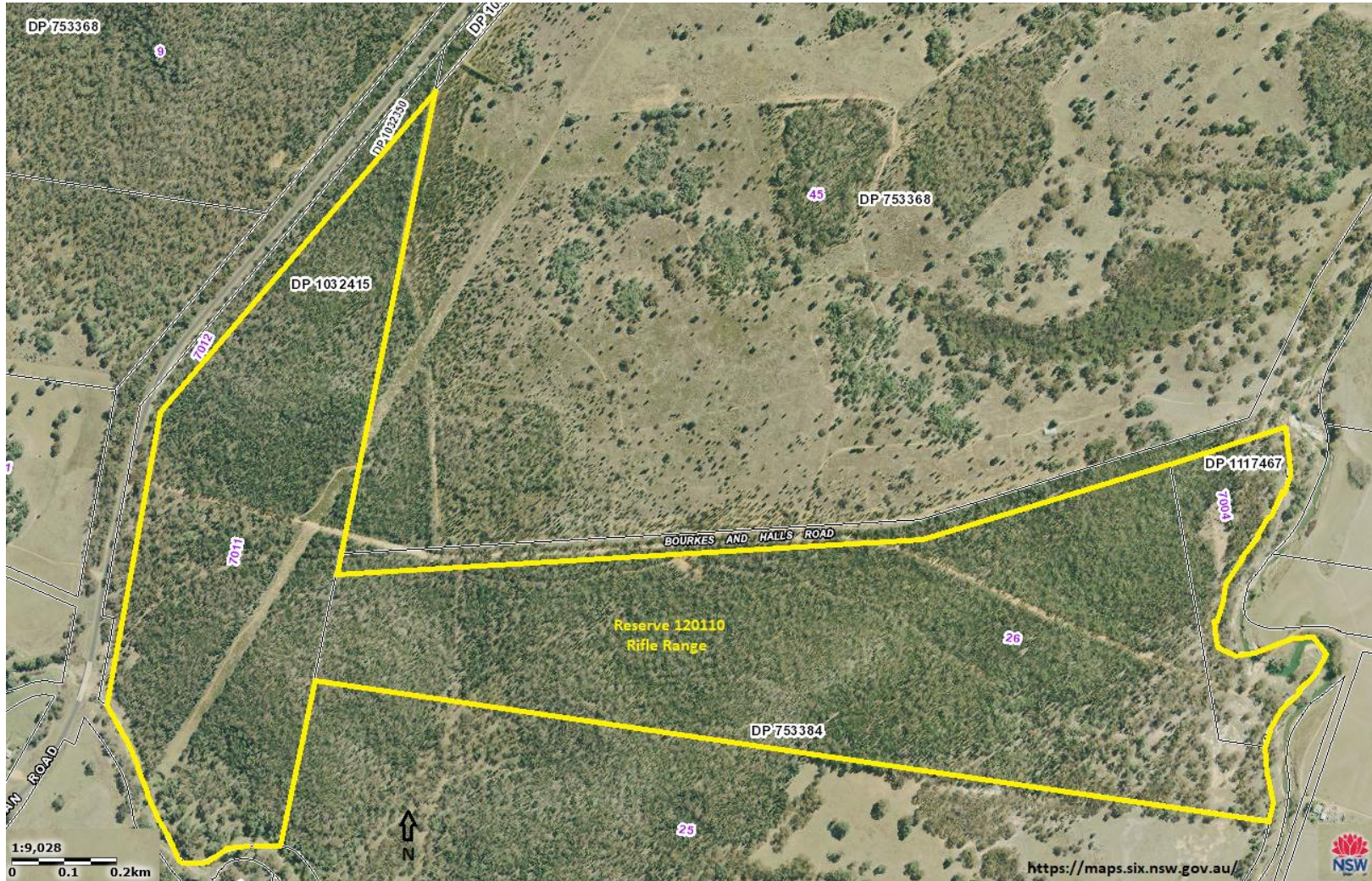
Reserve Map 5. R68452 Baradine Recreation and Camping





Reserve Map 6. R120110 Rifle Range





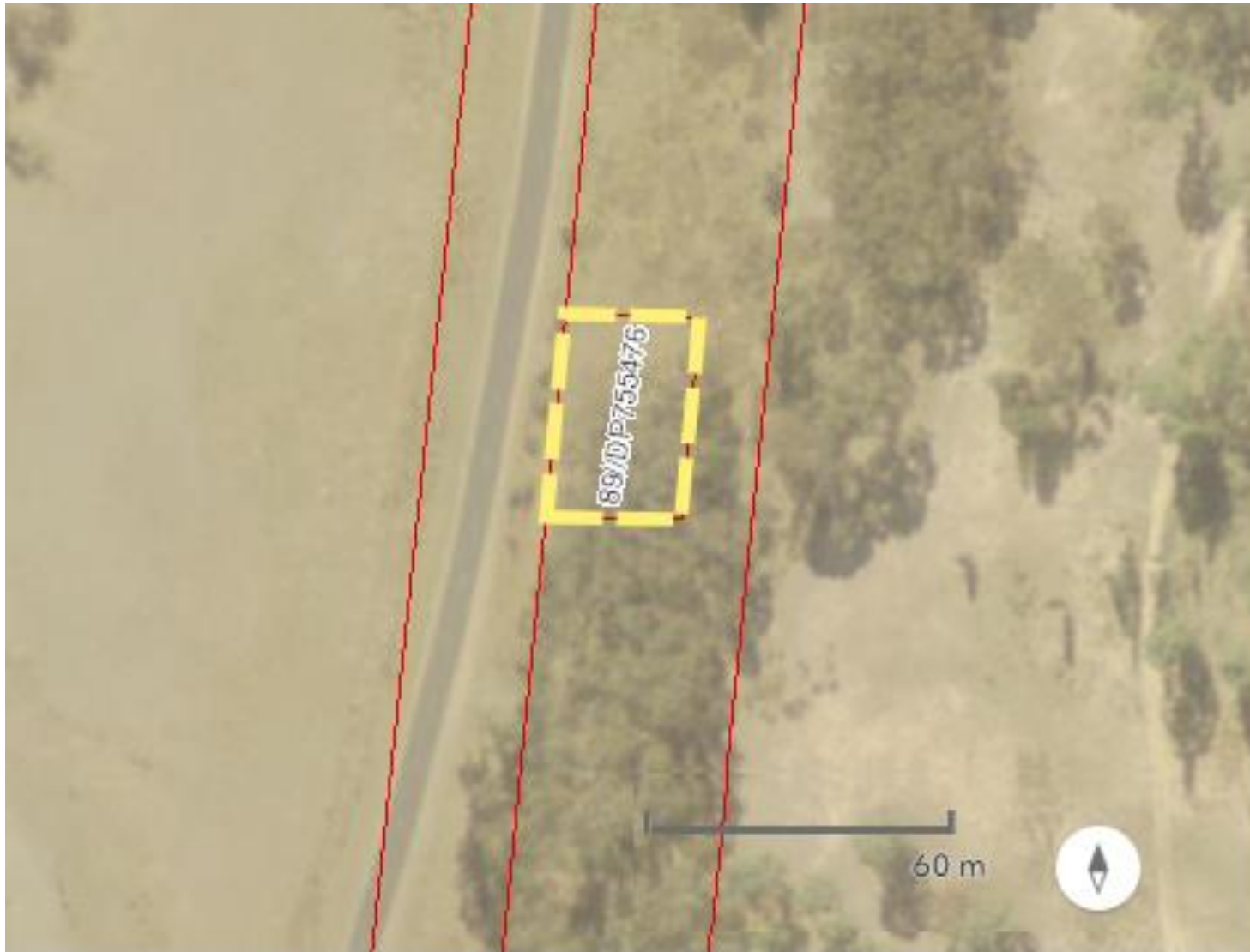
Reserve Map 7. R65440 Binnaway Showground





Reserve Map 8. R90694 Greenbah Creek Recreation





Reserve Map 9. R36127
Preservation of Graves

Reserve Map 10. R31715 Queensborough Park



E. mward@narromine.nsw.gov.au



Reserve Map 11. R44862 Night Soil Depot





Reserve Map 12. R51177 Queensborough Park West





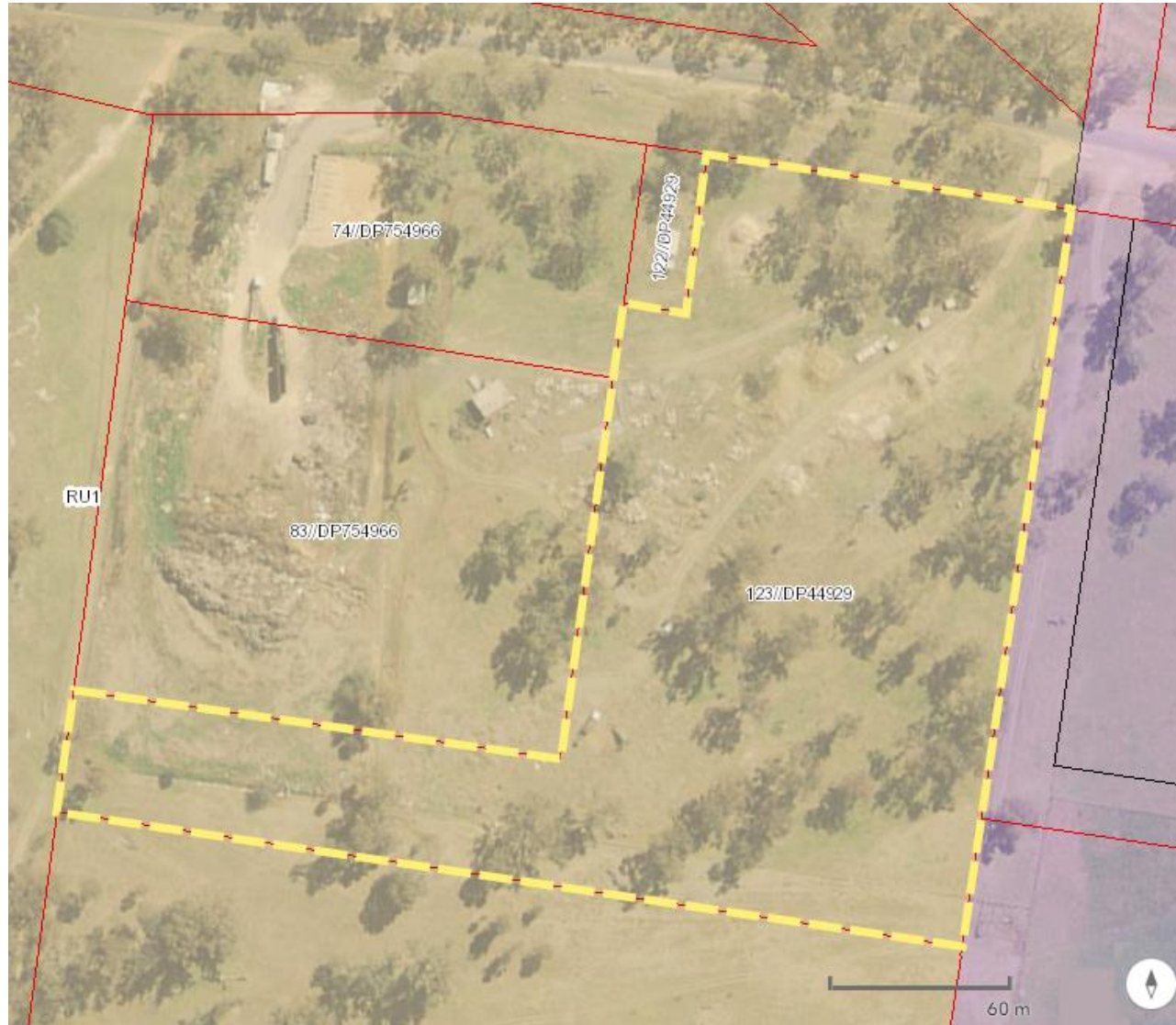
Reserve Map 13. R51266 Coolah Waste Transfer Depot





Reserve Map 14. R65210 Coolah Night Soil Depot





Reserve Map 15. R81773 Jorrock's Park





Reserve Map 16. R83250 Three Corner Park





Reserve Map 17. R11 Queensborough Park Coolah





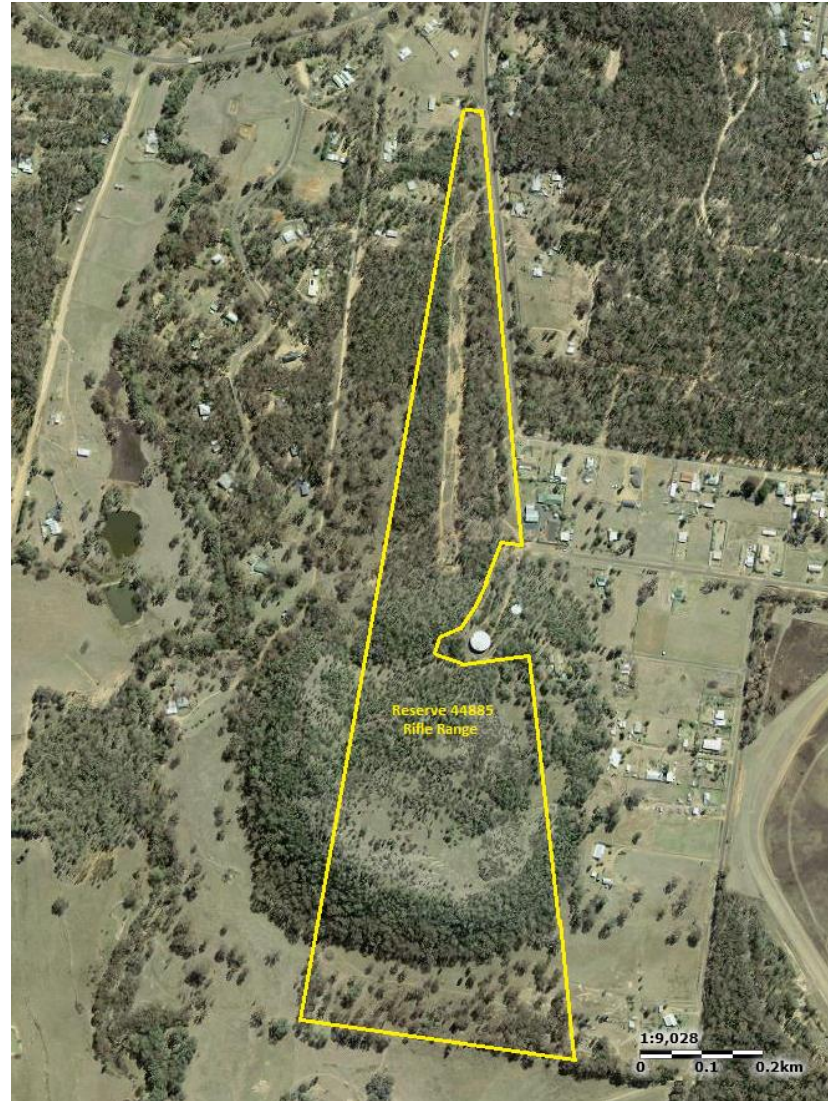
Reserve Map 18. R14138 Rifle Range





Reserve Map 19. R44885 Rifle Range (Part)





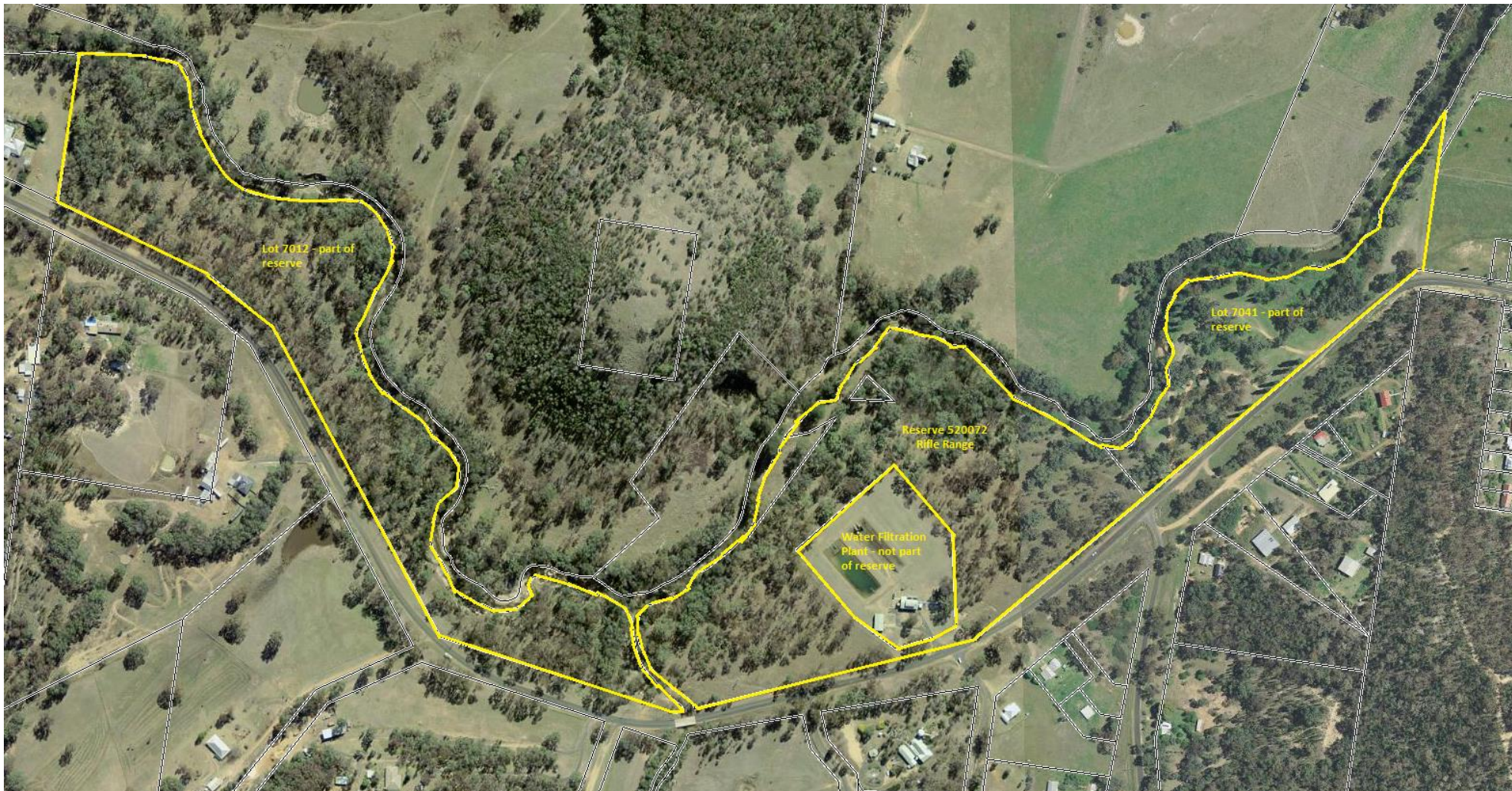
Reserve Map 20. R49164 Rifle Range





Reserve Map 21. R520072 Rifle Range





Reserve Map 22. R56732 Rifle Range





Reserve Map 23. R86082 Rifle Range – now Park





Reserve Map 24. R88128 Rifle Range





Reserve Map 25. R88348 Rifle Range





Reserve Map 26. R89680 Playground Coonabarabran





Reserve Map 27.

R90768 Masters Park





Reserve Map 28. R46646 Coonabarabran Racecourse





Reserve Map 29. R47760 Coonabarabran Racecourse





Reserve Map 30. R89626 Coonabarabran Flora Reserve





Reserve Map 31. R96923 Native Grove Cemetery





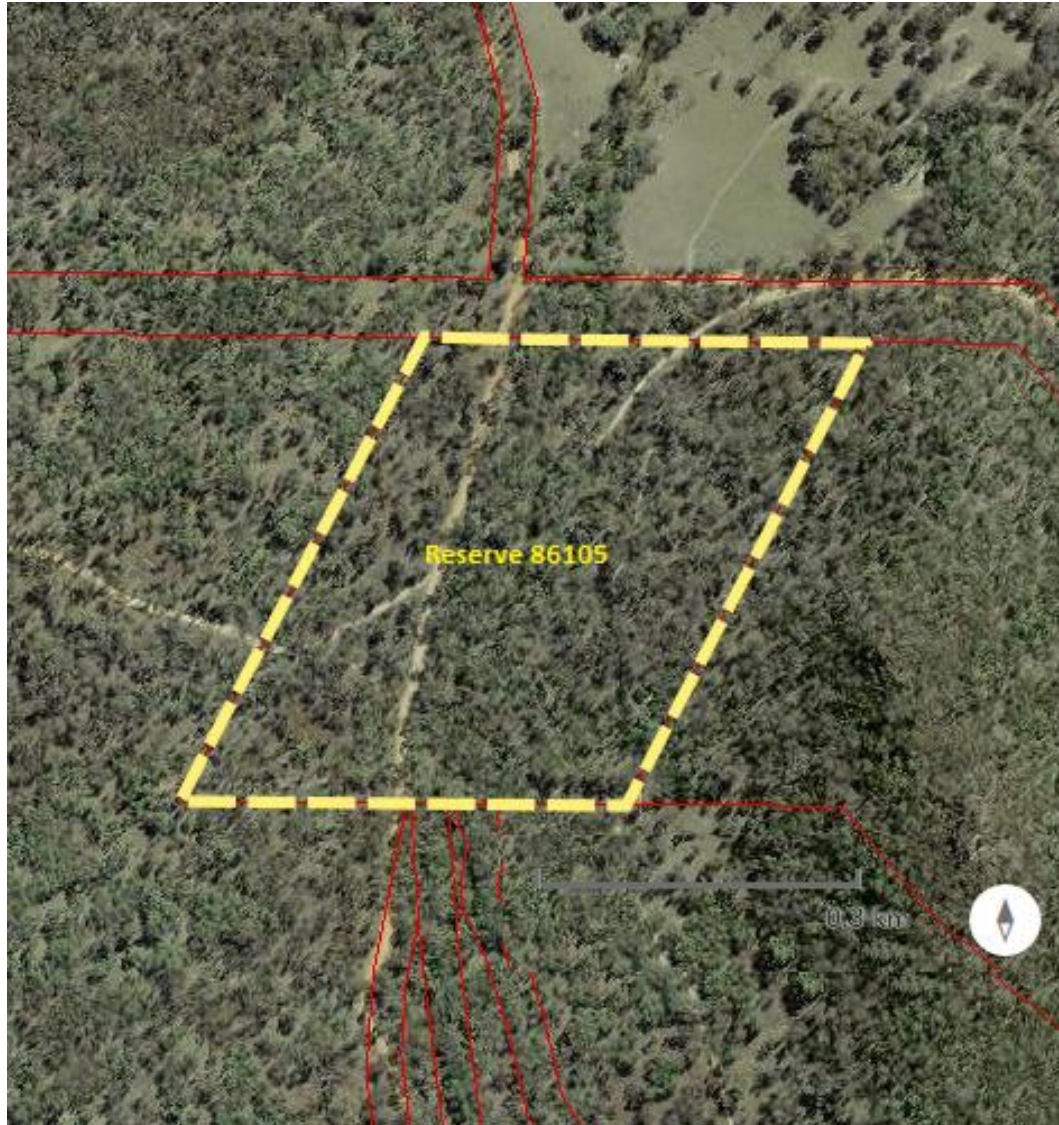
Reserve Map 32. R97723 Reserve Coonabarabran





Reserve Map 33. R86105 Rifle Range





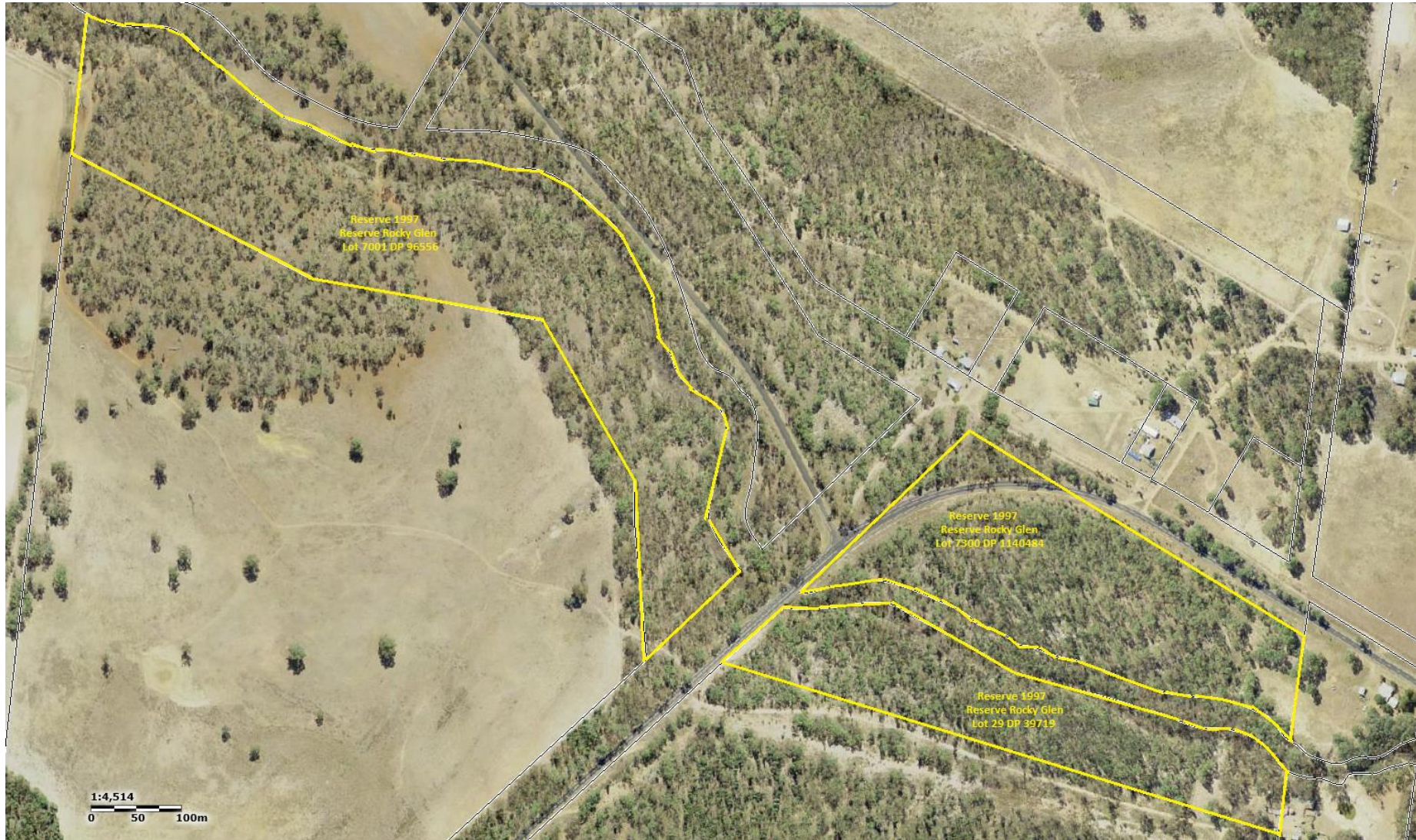
Reserve Map 34. R89668 Reserve Rocky Glen





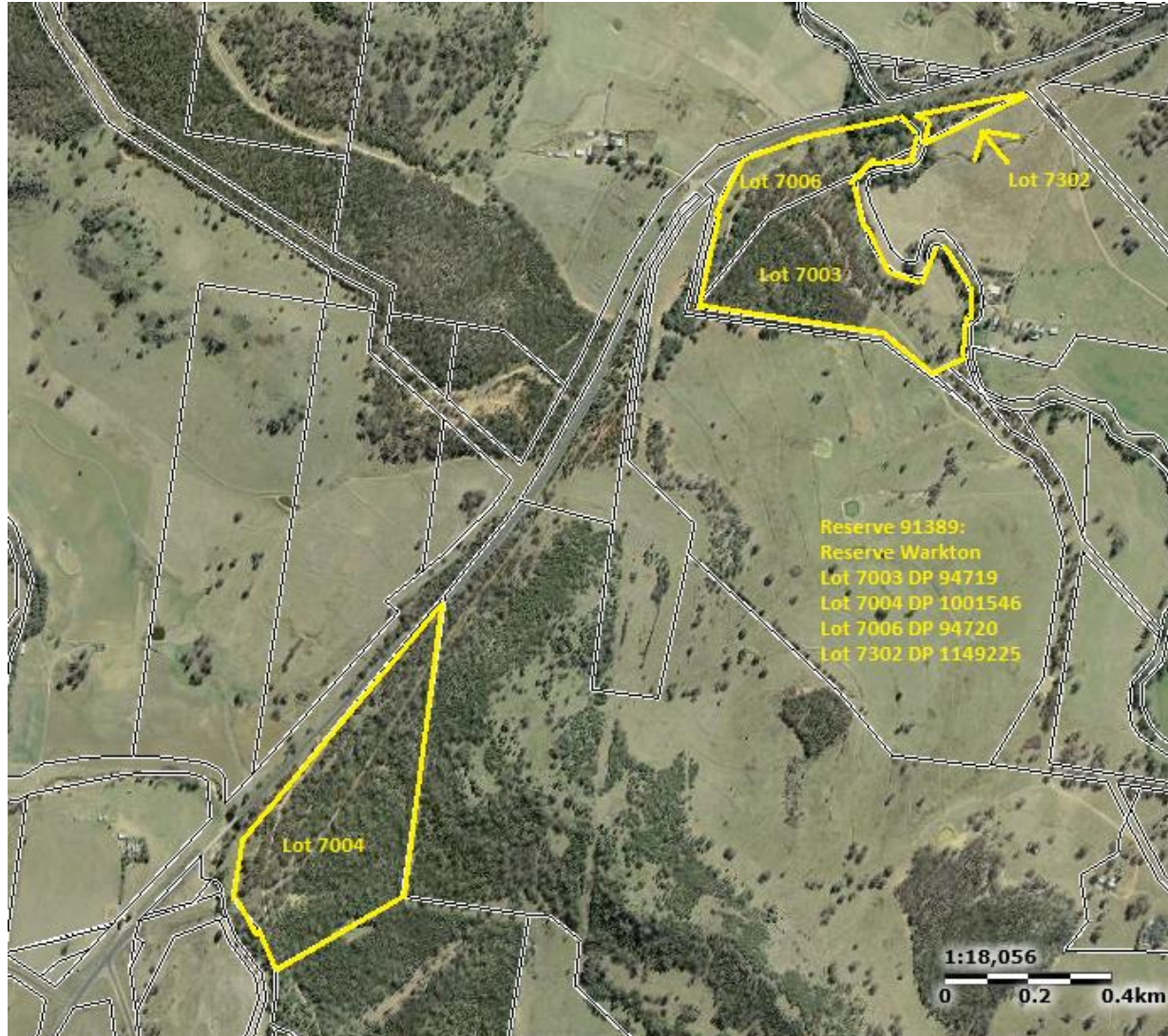
Reserve Map 35. R1997 Reserve Rocky Glen





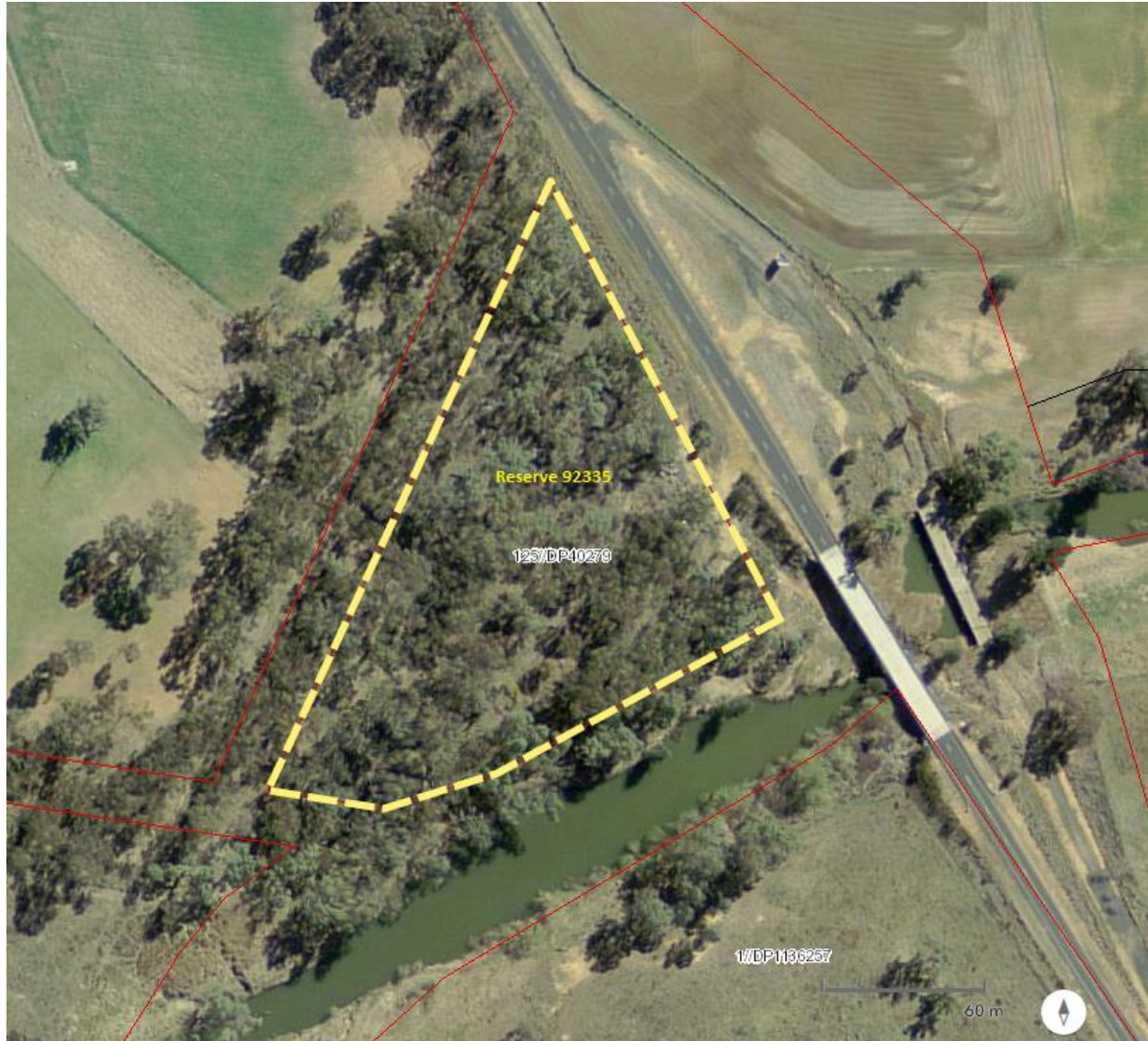
Reserve Map 36. R91389 Reserve Warkton





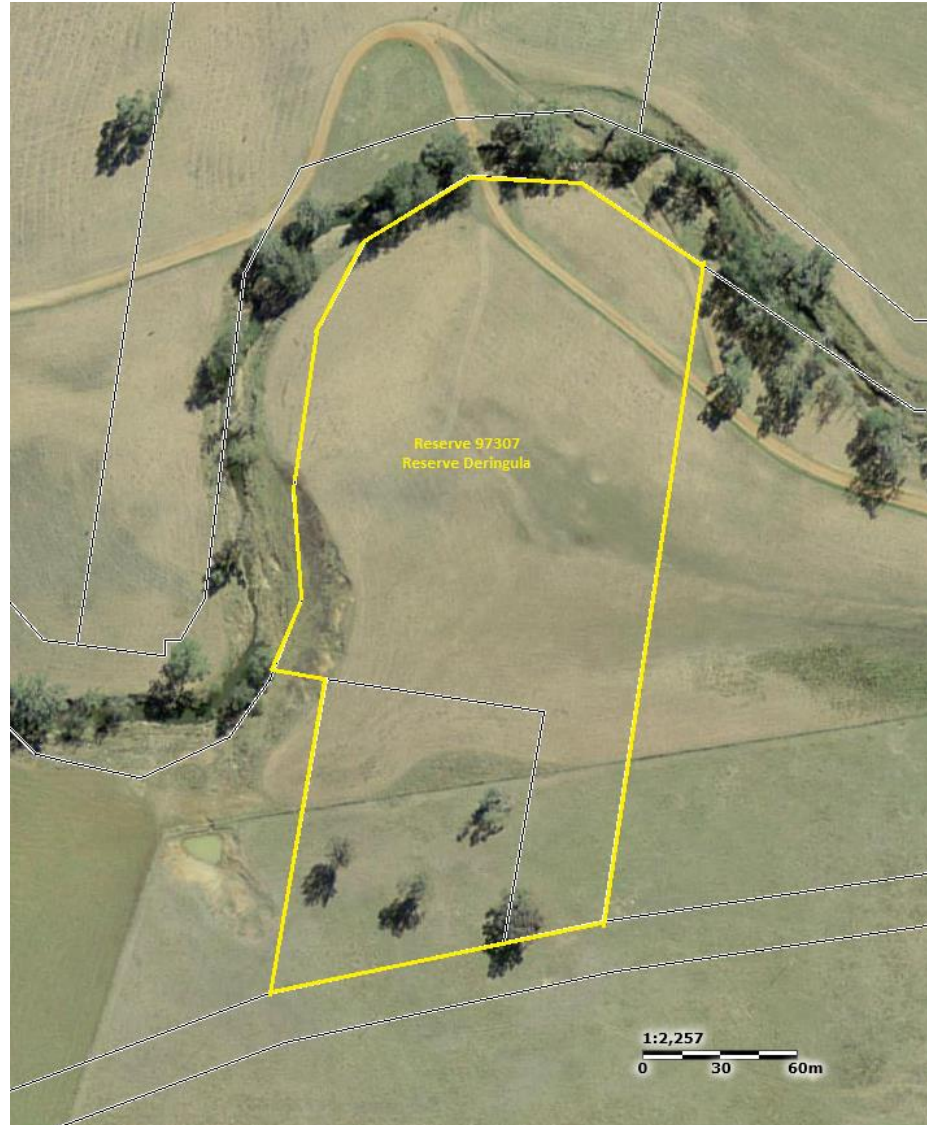
Reserve Map 37. R92335 Reserve Ulamambri





Reserve Map 38. R97307 Reserve Deringula





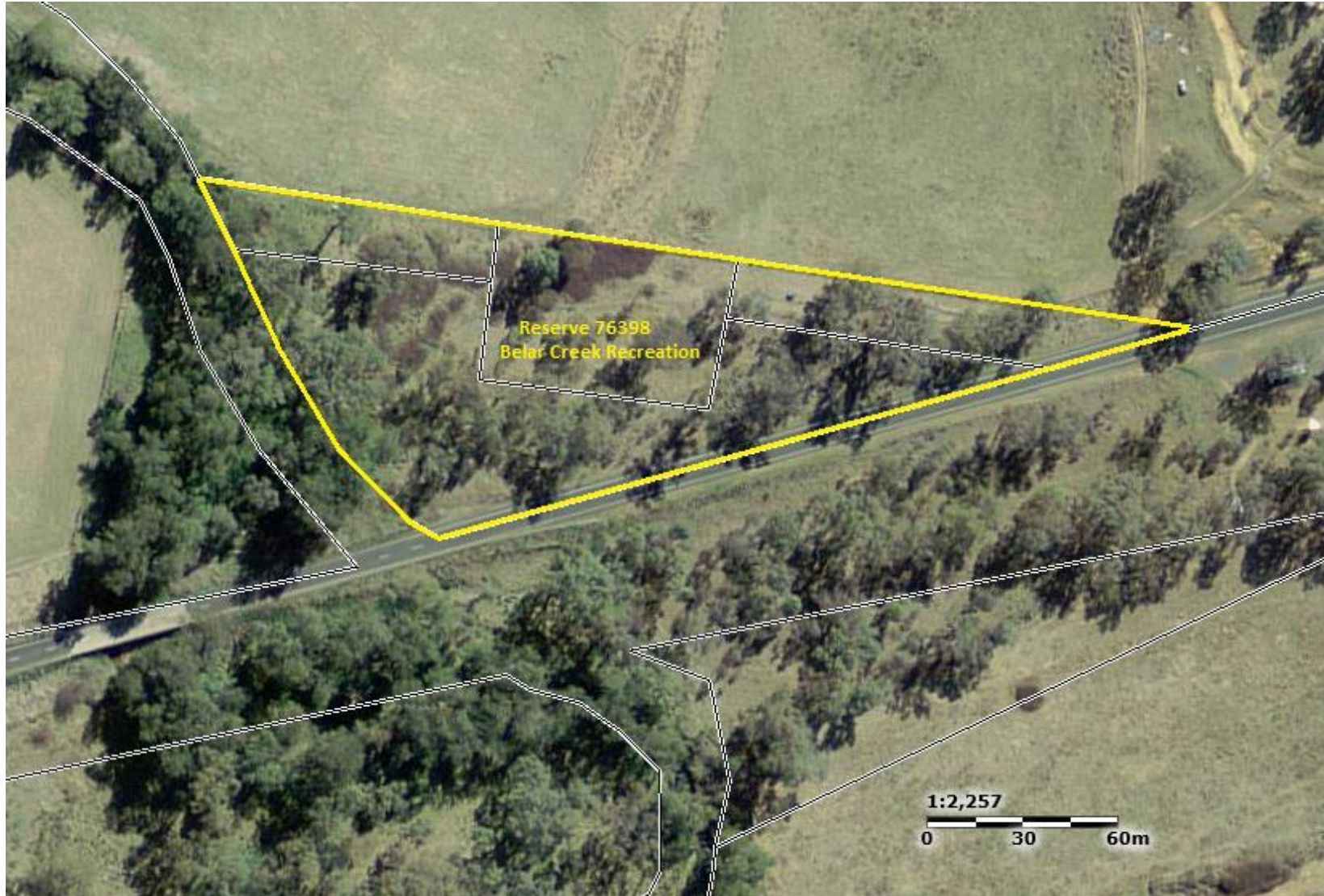
Reserve Map 39. R47862 Chips Reserve





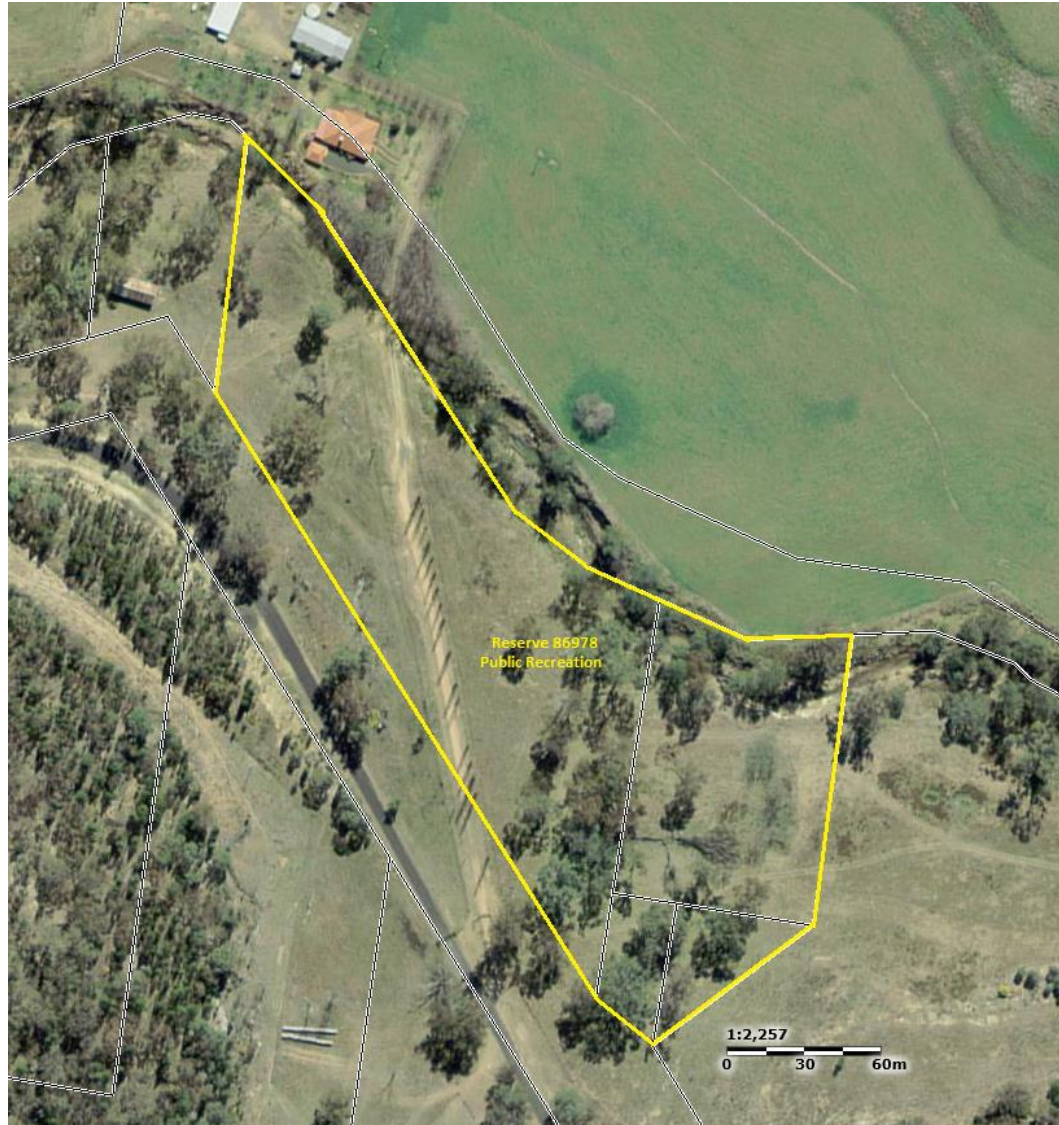
Reserve Map 40. R76398 Belar Creek Recreation





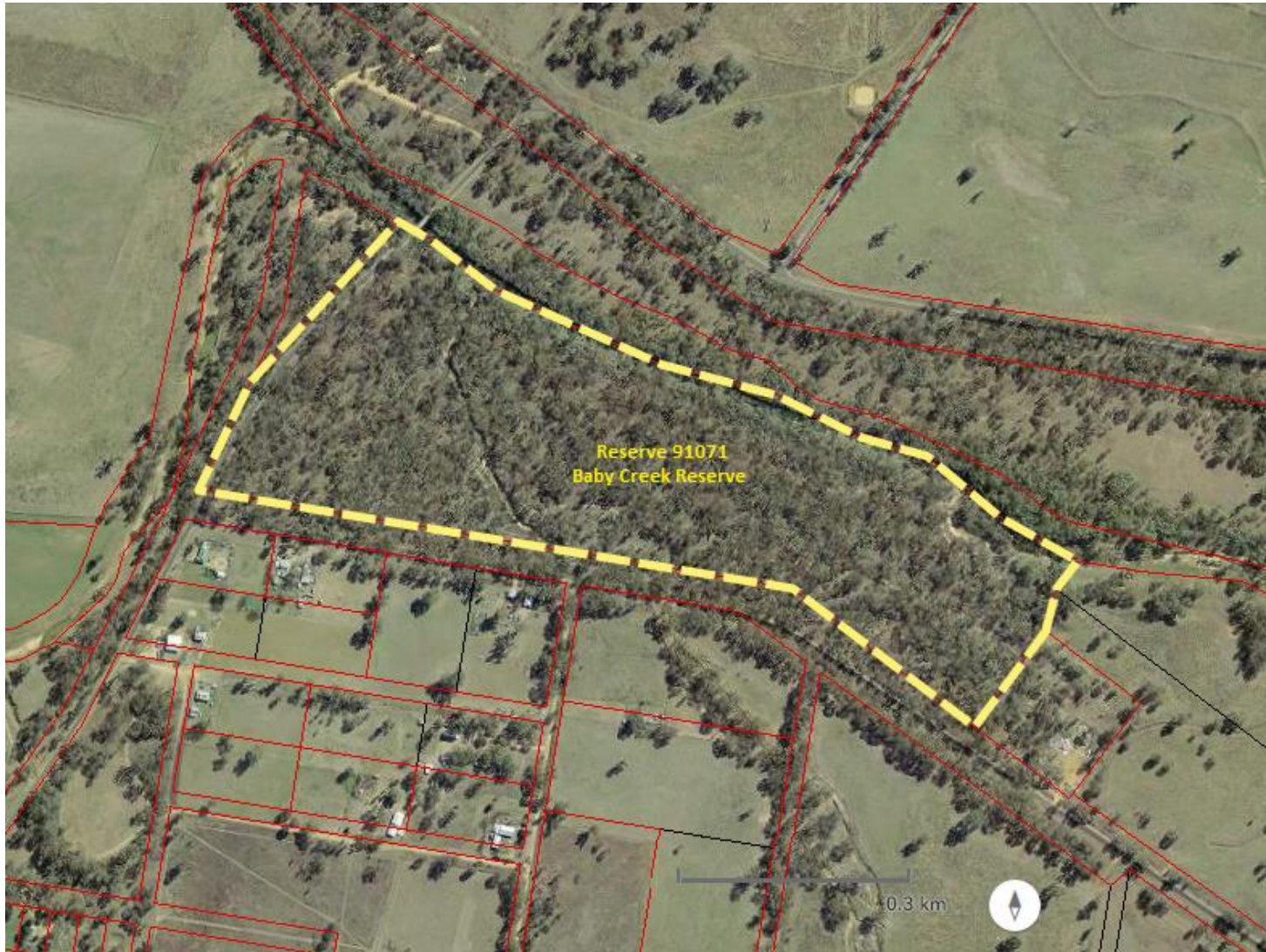
Reserve Map 41. R86978 Public Recreation





Reserve Map 42. R91071 Baby Creek Reserve





Reserve Map 43. R53797 Frog Hollow





Reserve Map 44. R86997 Public Recreation





Reserve Map 45. R68100 Robertson Park





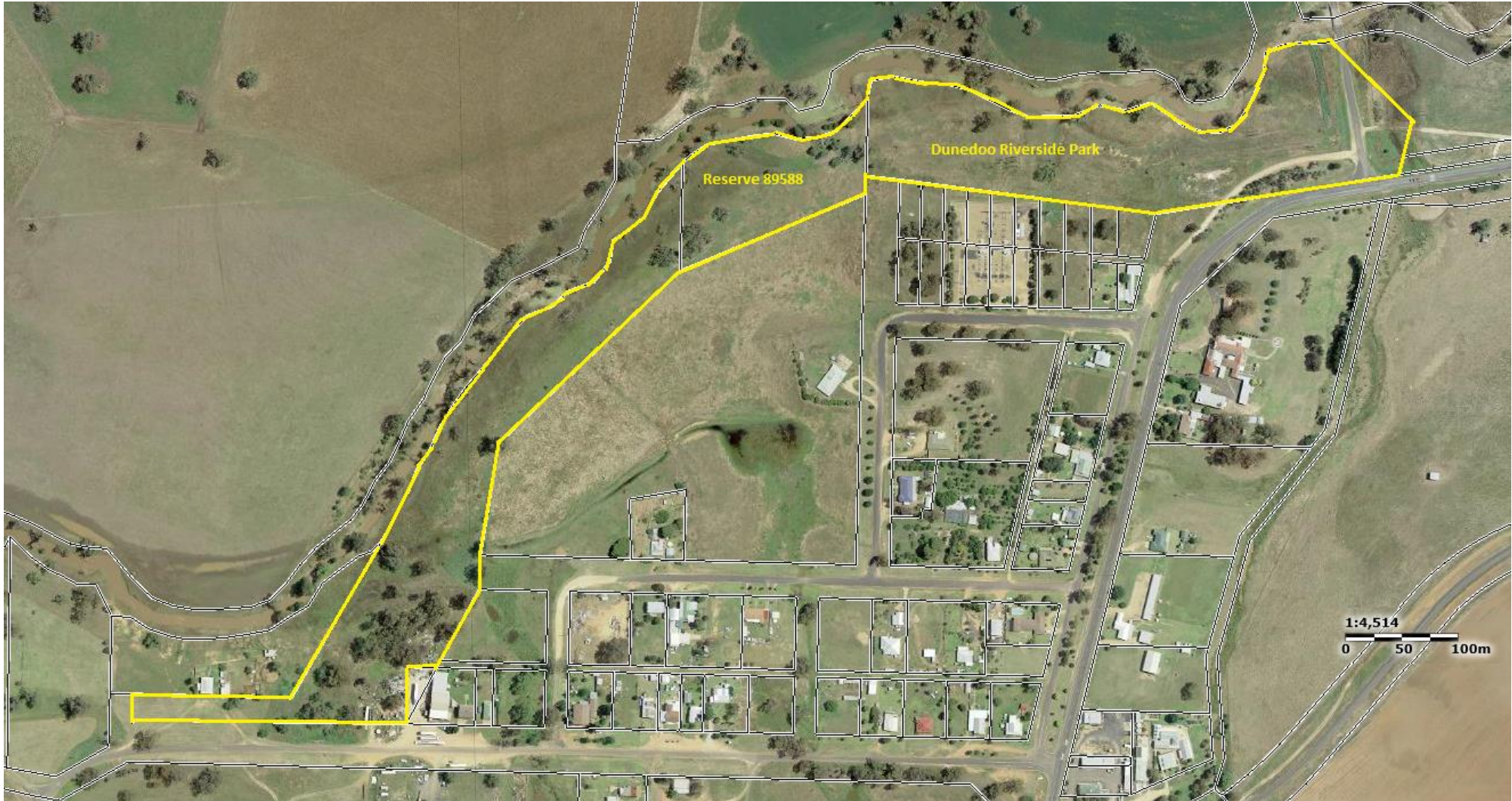
Reserve Map 46. R81962 Dunedoo War Memorial Baths





Reserve Map 47. R89588 Dunedoo Riverside Park





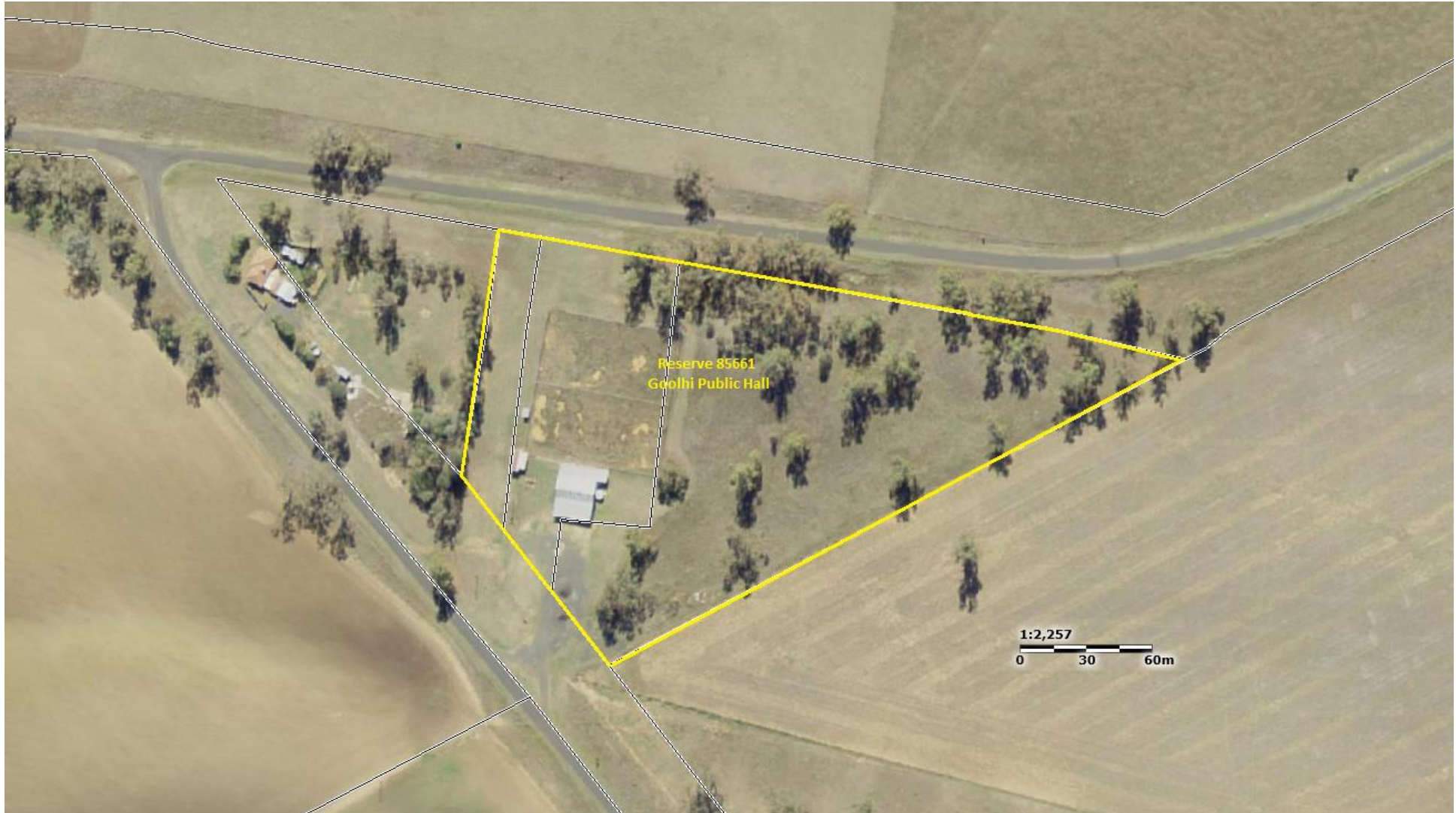
Reserve Map 48. R520049 Jubilee Memorial Hall





Reserve Map 49. R85661 Goolhi Public Hall





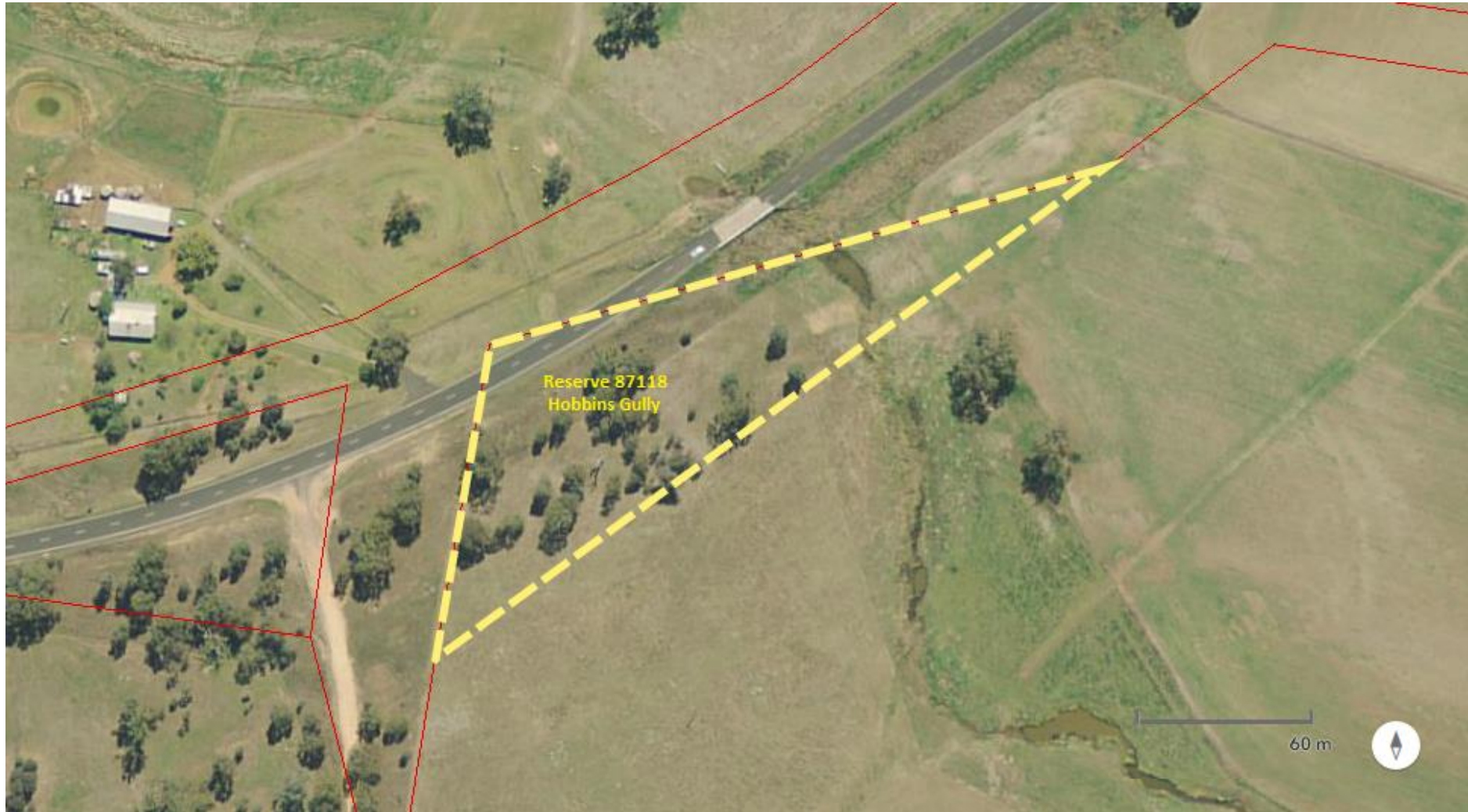
Reserve Map 50. R90681 Reserve Greenbah Creek





Reserve Map 51. R87118 Hobbins Gully





Reserve Map 52. R95872 Talbragar Cemetery Leadville





Reserve Map 53. R98063 Nullen Rest Area





Reserve Map 54. R1591 Mendooran Cricket Oval





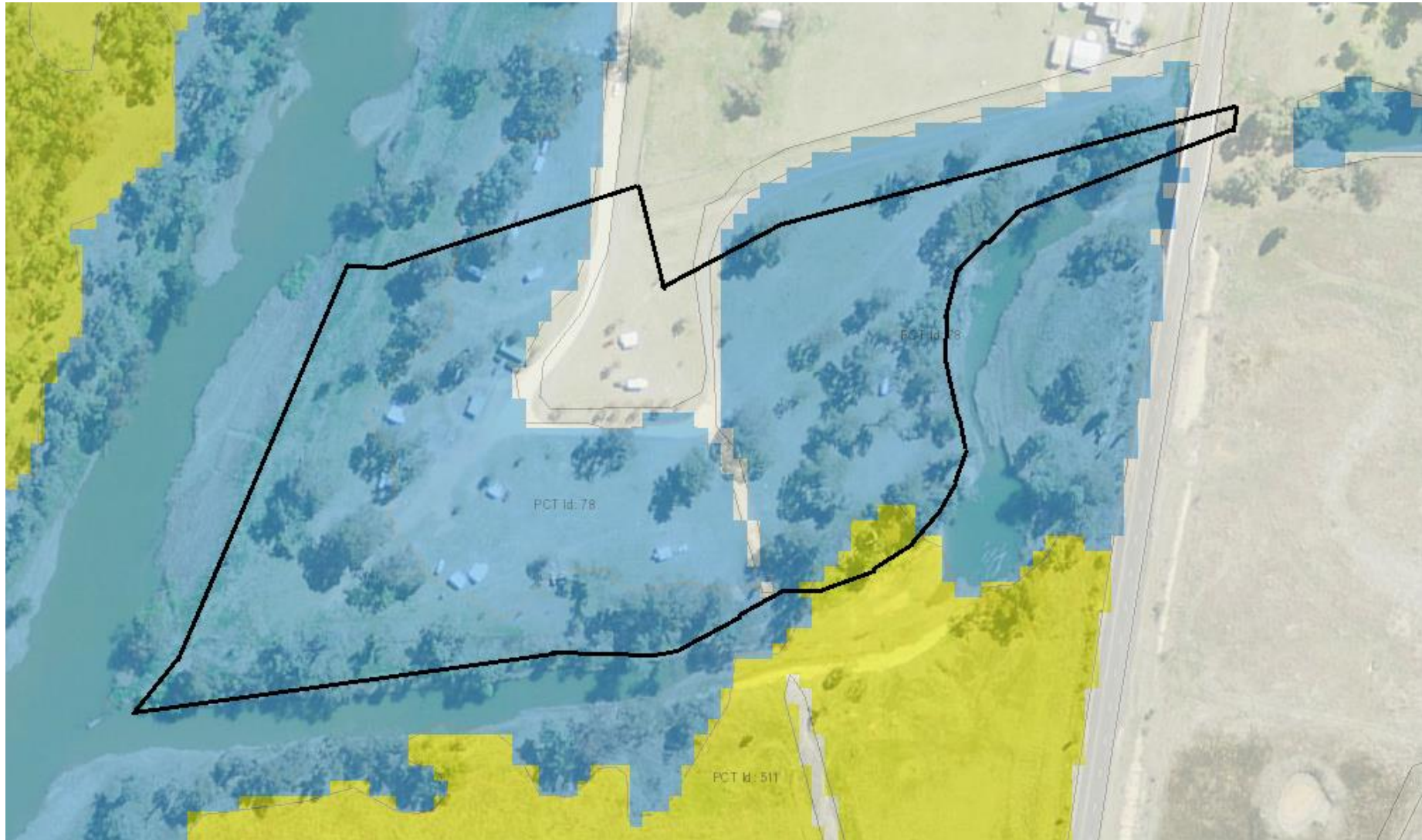
Reserve Map 55. R1592 Brambil Park





Reserve Map 56. R73370 Mendooran Camping Area





Reserve Map 57. R77108 Mendooran Park





Reserve Map 58. R85682 Beni Crossing Resting Place





Reserve Map 59. R69283 Mendooran Night Soil Depot





Reserve Map 60. R69431 Rubbish Depot





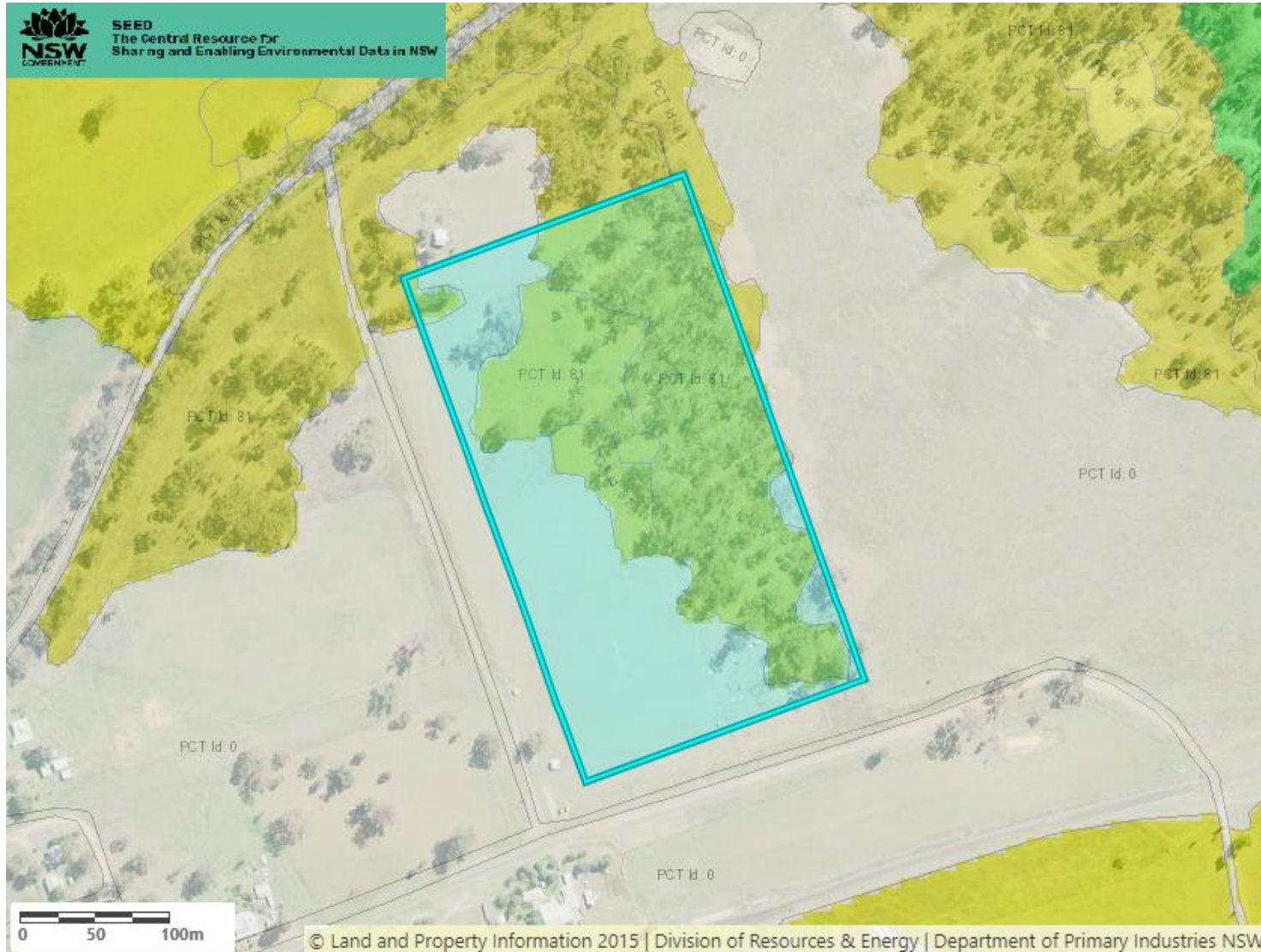
Reserve Map 61. R76877 Merrygoen Park/Tennis Courts





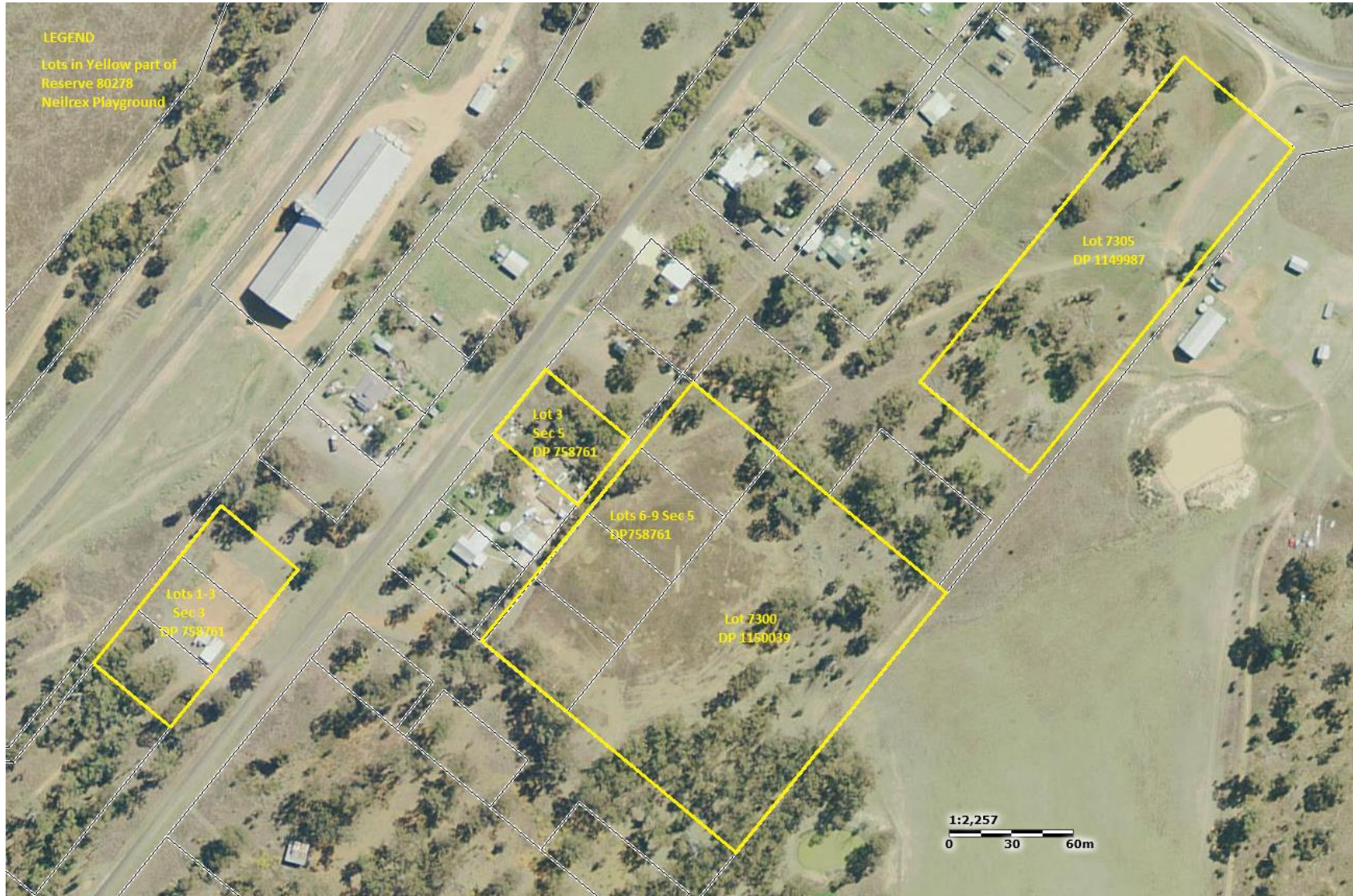
Reserve Map 62. R78473 Public Recreation





Reserve Map 63. R80278 Neilrex Playground





Reserve Map 64. R120081 Uarbry Rubbish Depot





Reserve Map 65. R97167 Public Hall





Reserve Map 66. R86771 Rubbish Depot





Reserve Map 67. R69528 Rubbish Depot





Reserve Map 68. R1205 Public Recreation





Reserve Map 69. R60139 Sanitary Purposes, Binnaway





Reserve Map 70. R73778 Rubbish Depot, Craboon Village





WARRUMBUNGLE SHIRE COUNCIL

Ordinary Meeting – 21 June 2018

Item 28 Commencement of the Crown Land Management Act 2016

Division:	Development Services
Management Area:	Property and Risk
Author:	Acting Manager Property and Risk – Kelly Dewar
CSP Key Focus Area:	Recreation and Open Space
Priority:	RO1.1 – Identify opportunities for innovative adaptation and/or sharing of open space and infrastructure for recreational purposes

Reason for Report

To inform Council the commencement date for the *Crown Land Management Act 2016* will be 1 July 2018 and Council will commence management of Crown Reserves under the *Local Government Act 1993*.

Background

The Minister for Lands and Forestry, the Hon. Paul Toole MP announced that the *Crown Land Management Act 2016* (CLM Act) will commence on 1 July 2018.

Local Councils will commence management of Crown Reserves under the *Local Government Act 1993* from 1 July 2018, and must be ready to start the transition to the new requirements from that date.

OLG and Department of Industry have produced a range of materials to support Councils including newsletters, webinars and FAQs.

Warrumbungle Shire Council has received an Interim Schedule of Crown Reserves from Department of Industry to start the classification and categorisation of Crown Reserves. Council is in the process of ensuring each Crown Reserve is classified correctly to ensure current use of the Crown Reserve is maintained. Council has the opportunity through this process to apply to the Minister to change crown land classifications from Community to Operational if required.

Once the classification and categorisation of the Crown Reserves have been approved by the Minister a Plan of Management (POM) needs to be developed for this land. Funding will be available from the NSW Government to support Councils preparing Plans of Management for Crown Land. Funding will be delivered using an equitable and relative-needs-based apportionment methodology, developed in consultation with the Council Reference Group. The methodology will be based on each Council's resourcing requirements and capacity to deliver POM's. To support equitable distribution of the funds, there is a base level of funding set at \$30,000 and a funding cap of \$100,000. Council's will be informed of the allocation prior to commencement of the CLM Act on 1 July 2018.

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Issues

A requirement for each Council is to employ or engage a trained Native Title Manager who will be responsible for providing advice on certain dealings for land that may be affected by native title. Council currently has one member of staff trained to deal with native title issues, and will be pursuing training for more staff members in the future.

Options

Nil.

Financial Considerations

Funding will be available from NSW Government for the development of the Plan of Management for Crown Reserves.

RECOMMENDATION

That the report on the Commencement of the *Crown Land Management Act 2016* be received and noted and that Council note that the Act will commence on 1 July 2018.

WARRUMBUNGLA SHIRE COUNCIL

Ordinary Meeting – 13 December 2018

Item 28 Council Crown Land Funding Support Program

Division:	Development Services
Management Area:	Property and Risk
Author:	Acting Manager Property and Risk – Kelly Dewar
CSP Key Focus Area:	Recreation and Open Space
Priority:	RO2 – National parks and reserves in and around the Shire need to be well-maintained and accessible in the long term for recreational activities.

Reason for Report

To inform Council of the Crown Land Plans of Management Funding Support Program.

Background

The *Crown Lands Management Act 2016* (the Act) commenced on 1 July 2018, introducing a consolidated, modern piece of legislation to govern the management of Crown land in NSW.

The Act introduced significant changes to the management of Crown land by Councils. Councils will now be required to manage their dedicated or reserved land as if it were public land under the *Local Government Act 1993* (LG Act). Most of this land is expected to be classified as “community land” under the LG Act, meaning that Council will be required to have a plan of management in place for the land. A transition period of 3 years is provided for council to have these plans in place.

Issues

The change in legislation means the following:

- Council will be required to manage Crown land reserves as if they were Council-owned land under the LG Act.
- Council will not generally be required to seek the Minister for Lands approval for dealings; instead, in most cases council will manage these reserves as if they were community land.
- There will be the ability to manage land as operational land in appropriate circumstances.
- The requirement to have plans of management for each reserve that is classified as community land will be phased in over time and council will not have to go through the full LGA process for initial plans. To address initial cost, some financial assistance from the Government will be available.
- Council will continue to be eligible to apply for grants from the Public Reserve Management Fund Program to support the management and up-keep of Crown reserves.
- Council will need to appoint a trained native title manager to ensure compliance with obligations under the Commonwealth Native Title Act.

WARRUMBUNGLE SHIRE COUNCIL

Ordinary Meeting – 13 December 2018

Funding has been allocated to Council to help meet the costs in establishing a Plan of Management for Crown Reserves for which Council has been appointed Crown Reserve Manager.

The methodology for allocating the funding is based on both the number of reserves managed by Council and the resource capacity of Council. Council has received an offer of \$89,982 to assist develop our Plan of Management based on the methodology as outlined above..

Council has a total of 103 Crown Reserves that require a Plan of Management to ensure the use, licencing or leasing of this land is compliant under the Crown Lands Management Act.

If Council is of the opinion that Council no longer wishes to be Crown Reserve Manager of a reserve, Section 3.12(2) of the Crown Land Management Act 2016 states that “a Local Council cannot resign as a Crown Land Manager without the Ministers approval”. Council will need to make applications to the Minister for any Crown Reserves they no longer wish to be the Crown Reserve Manager of.

Options

Council can accept the funding agreement as is and make variations under section 12 of the agreement. This funding will enable Council to undertaken the planning and establishment of a Plan of Management for Crown Reserves as per requirements of the Crown Lands Management Act 2016. The Plan of Management is required to be completed by 30 June 2021.

Council can also decide not to pursue the funding at this time. If Council does not pursue the funding the cost of establishing the Plan of Management for Crown Reserves will need to be paid for by Council.

Financial Considerations

If accepted the Funding Support Program will allocate \$89,982 to Council to establish the Plan of Management for Crown Reserves.

RECOMMENDATION

That Council:

1. Receives and notes the report on the Council Crown Land Funding Support Program.
2. Accepts the Council Crown Land Funding Support Program and deal with any variations required under Section 12 of the agreement.

WARRUMBUNGLE SHIRE COUNCIL**Ordinary Meeting – 18 November 2021****Item 19 Update Report on Classification and Categorisation of Crown Reserves**

Division:	Technical Services
Management Area:	Technical Services
Author:	Acting Director Technical Services – Gary Murphy
CSP Key Focus Area:	Recreation and Open Space
Priority:	R02 National parks and reserves in and around the Shire need to be well maintained and accessible in the long term for recreational activities.

Reason for Report

The purpose of this report is to update Council on the Classification and Categorisation of Crown Reserves.

Background

Council at its meeting of 21 May 2020 resolved the following:

'410/1920 RESOLVED that Council:

1. Endorse initial Classification and Categorisation of the following Crown Land Reserves:

Reserve No	Categorisation	Classification
89960	P	Community – Park
68452	GCU/P	Community – General Community Use/Park
65440	GCU	Community – General Community Use
90694	P	Community – Park
36127	CS	Community – Area of Cultural Significance
31715	P	Community – Park
51177	P	Community – Park
81773	GCU	Community – General Community Use
83250	P	Community – Park
11	P	Community – Park
14138	P	Community – Park
49164	P	Community – Park
520072	P	Community – Park
56732	P	Community – Park
86082	P	Community – Park
88128	P	Community – Park
88348	P	Community – Park

WARRUMBUNGLE SHIRE COUNCIL

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Reserve No	Categorisation	Classification
89680	P	Community – Park
90768	P	Community – Park
46646	S	Community – Sportsground
47760	S	Community – Sportsground
89626	NA	Community – Natural Area – Bushland
96923	GCU	Community – General Community Use
97723	P	Community – Park
86105	P	Community – Park
89668	P	Community – Park
1997	P	Community – Park
91389	P	Community – Park
92335	P	Community – Park
97307	P	Community – Park
47862	GCU	Community – General Community Use
76398	P	Community – Park
86978	P	Community – Park
91071	P	Community – Park
53797	P	Community – Park
68100	P	Community – Park
81962	P	Community – Park
89588	P	Community – Park
520049	GCU	Community – General Community Use
85661	GCU/P	Community – General Community Use/Park
90681	P	Community – Park
87118	GCU	Community – General Community Use
95872	GCU	Community – General Community Use
98063	P	Community – Park
1591	P	Community – Park
1592	P	Community – Park
73370	P	Community – Park
77108	P	Community – Park
85682	GCU	Community – General Community Use
76877	P	Community – Park
78473	P	Community – Park
80278	P	Community – Park
97167	GCU	Community – General Community Use
1205	P	Community – Park

Legend: NA – Natural Area
S – Sportsground

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P – Park
CS – Cultural Significance
GCU – General Community Use

2. *Submit a Classification of Crown Land as Operational Land form to apply for Ministerial consent to classify the following Crown Reserves as Operational Land:*

Reserve No	Known As	Categorisation
85378	Bandulla Rubbish Depot	GCU
86971	Rubbish Depot (closed in 2004)	GCU
120056	Baradine Bushfire Brigade & Rescue Station	GCU
120110	Rifle Range	NA
44862	Night Soil Depot	GCU
51266	Coolah Waste Transfer Depot	GCU
65210	Coolah Night Soil Depot	GCU
44885	Rifle Range (Part)	P
86997	Rubbish Depot	GCU
69283	Mendooran Night Soil Depot	GCU
69431	Rubbish Depot	GCU
120081	Uarbry Rubbish Depot	GCU
86771	Rubbish Depot	GCU
69528	Rubbish Depot	GCU
60139	Sanitary Purposes, Binnaway	GCU
73778	Rubbish Depot, Craboon Village	GCU

Legend: NA – Natural Area
S – Sportsground
P – Park
CS – Cultural Significance
GCU – General Community Use

3. *In accordance with Section 3.23 of the Crown Land Management Act 2016, notification be provided to the Minister of Council's categorisation of Crown Reserves shown in recommendations 1 and 2.'*

Crown Lands NSW has identified 71 Crown Reserves that must be managed by Council. The management process includes classification of the Reserves as either Community Land or Operational Land. In accordance with Section 36 of the Local Government Act, land that is classified as Community Land must then be categorised as one or more of the following:

- a) a natural area
- b) a sportsground
- c) a park
- d) an area of cultural significance
- e) general community use.

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The management process also involves preparing a Plan of Management (PoM) for Crown Reserves regardless of their classification.

Classifying Crown Reserve as Operational Land is only possible upon approval from the Minister and Council's case must be compelling for an approval to be granted.

A Consultant has been engaged to assist Council with the task of describing each Crown Reserve and for preparing a PoM. Each Crown Reserve has been listed in a table which includes description of purpose and suggested classification and category, and this table along with maps is provided in Attachment 1.

The plan of management document was prepared in March 2021 and subsequently submitted to Crown Lands for comment.

Feedback was received in August 2021 and staff have responded to their queries.

At this time of writing this report, it is unclear when the consultation process with Crown Lands might be finalised.

Issues

The table in Attachment 1 also briefly describes justification for the proposed classification and categorisation of each Crown Reserve. The description covers potential issues such as existing use; endangered or threatened ecological communities, cultural heritage items and significant natural areas.

Options

Council may wish to review each Crown Reserve and change either the proposed classification or categorisation. The Crown Lands Office must be notified of Council's recommended classification and categorisation of each Crown Reserve before a PoM is prepared.

Financial Considerations

A grant of \$90,000 has been received from the Office of Local Government to complete the task of preparing Plans of Management.

Community Engagement

The reserves are relevant to a large area of the Shire and there is moderate potential for some controversy. Therefore, the level of engagement is to inform + consult.

Attachments

1. Crown Land Reserves – table of descriptions and maps.

RECOMMENDATION

That:

1. Council Note the update report on Classification and Categorisation of Crown Reserves.
2. In accordance with Section 3.23 of the Crown Land Management Act 2016, notification be provided to the Minister of Council's categorisation of Crown Reserves shown in Item 1 and 2 of Resolution No 410/1920 of 21 May 2020.



DRAFT

CENTRAL WEST & ORANA

Regional Transport Plan





Macquarie river in Dubbo

NSW Common Planning Assumptions

Common Planning Assumptions are used across agencies to ensure alignment and understanding of the relevant data, policies and assumptions to underpin planning decisions and policy analysis for government strategies and investment decisions. This supports consistency in the advice provided to Government and the community.

The Common Planning Assumptions represent a consistent baseline or a starting point, and are developed based on current and past trends and agreed policies and plans. They are not targets or scenarios.

This Plan and supporting analysis is based on the agreed Common Planning Assumptions as at April 2021. Details of the Common Planning Assumptions used are set out in the Common Planning Assumptions Book version 5.1.

Acknowledgement of Country

The Central West and Orana region is home Country to the Wiradjuri, Gamilaraay, Wangaaypuwan and Wayliwan peoples.

Aboriginal people continue to call these regions home and have historically travelled, and continue to travel, both within, and beyond these regions.

Many of the transport routes we use today – from rail lines, to roads and water crossings – follow the traditional Songlines, trade routes and ceremonial paths in Country that our nation's First Peoples have followed for tens of thousands of years.

In preparing this Plan we acknowledge this heritage, as well as acknowledging the First Nations peoples who are traditional custodians of the Central West & Orana region and their ongoing cultural connection to the region.



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Executive Summary

By 2041, an additional 20,000 people are projected to settle in the Central West and Orana. Major infrastructure initiatives like Inland Rail, the Parkes Special Activation Precinct and the Great Western Highway Upgrade Program will be operational, considerably improving the movement of people and goods to and from the key Global Gateways of Greater Sydney, Port of Melbourne and Port of Brisbane. The regional cities of Bathurst, Dubbo and Orange will continue to grow, particularly as the uplift of 'working from home' and 'flexible' working arrangements allow more people to work remotely and take advantage of the lifestyle choices on offer across the region. It is vital that as the region grows and evolves, connectivity within and beyond the region is efficient, reliable and safe.

Given the vast expanse of the Central West and Orana, much of which is considered outer regional or remote, private vehicles are currently the preferred choice to travel within and beyond the region. Without a private vehicle or sufficient access to public transport, disadvantaged groups face isolation and transport inequity. The provision of more attractive alternatives to private vehicle transport, both within and beyond the region, such as day-return services, will deliver greater modal choice for people and provide improved connectivity between remote communities and their nearest regional centre.

Innovations in technology will create a better experience for customers. Through the implementation of a digital ticketing system and the Transport Connected Bus program, it will be easier to plan journeys, while Live Traffic will deliver 'real time' transport information to customers and support more informed travel planning both before and during regional trips. Innovation in future aviation technologies has the potential to provide fast, sustainable and affordable air travel to many regional communities and businesses in order to better connect with major regional centres and capital cities.

Finally, with electric vehicles forecast to reach upfront price parity with traditional combustion engine vehicles in Australia from 2024, the need to effectively plan and support the regional transition of the transport network and associated fleet towards a low emissions future must be addressed.



A supporting plan of Future Transport 2056, the Draft Central West and Orana Regional Transport Plan provides a blueprint for how Transport for NSW will proactively respond to the transport needs of the region, as well as address the key trends that will necessitate a transport-related response into the future. The Plan presents a transport vision for the Central West and Orana and responds to the land use vision outlined in the Department of Planning, Industry and Environment's (DPIE) Draft Central West and Orana Regional Plan 2041. The Plan also identifies the key infrastructure, services and policy interventions which will be needed to achieve the vision at a local level. Key goals of the vision include:

- ▶ About one in every five trips will be made by walking, cycling or public transport across the region
- ▶ A higher proportion of the region's population will have access to day return services to their nearest regionally significant centre
- ▶ Improved multi-modal connectivity between the region, Greater Sydney, Newcastle and Canberra
- ▶ Crash rates are reduced in-line with the 'Towards Zero' goal of zero fatalities and serious injuries on our roads by 2056
- ▶ Increased access for High Productivity Vehicles (HPVs) across the region to support the principle of 'moving more with less'
- ▶ Greater use of technology to support safer, more efficient and accessible transport network

The Plan has identified 66 initiatives that in combination will support the 2041 regional transport vision for the Central West and Orana.



06

CHAPTER

1

Introduction

1.1 What does this Plan do?

A supporting plan of Future Transport 2056, the Draft Central West and Orana Regional Transport Plan ('the Plan') provides a blueprint for transforming the way people and goods travel within, to and through the Central West and Orana region over the next 20 years.

The Plan presents the strategic framework for how Transport for NSW will proactively respond to anticipated changes in land use, population and travel demand across the region.

The Plan seeks to make walking, cycling and public transport an attractive alternative to the private vehicle for more people, more often across the Central West and Orana regardless of age, ability and income. It also identifies a suite of treatments to deliver a safer, more efficient, and more accessible transport network to better support the continued growth and financial viability of local communities, businesses, and industries that rely on transport to connect.

Furthermore, the Plan highlights the necessary transport infrastructure, services and policy interventions required to support the successful transition to a low carbon future.

1.2 Stakeholder Engagement

Development of this Plan has been guided by formal engagement and workshops with key stakeholders to inform the transport vision, as well as identify key priorities for transport in the Central West and Orana.

Stakeholders engaged during development of this Draft Plan included representatives from all 19 Councils across the Central West and Orana, relevant State Agencies and both the Central NSW and Orana Joint Organisations.

1.3 Implementing the Plan

Establishing a transport vision for the Central West and Orana, and identifying supporting initiatives to deliver the vision is just the first step in planning for the future of transport across the region.

Transport for NSW will be responsible for the implementation and ongoing management of the Plan, with collaborative partnerships established for those initiatives that require support and input from key stakeholders like industry, local government and the Department of Planning, Industry and Environment (DPIE).

1.4 Funding and delivery

Transport for NSW is committed to ensuring the transport system is financially sustainable and meets the needs of customers, enabled through policy and investment in services and infrastructure.

This Plan comprises a total of 66 initiatives. While some initiatives are already in the delivery or planning phases, new initiatives will require further investigation to determine feasibility, as well as ensure new initiatives that are progressed for funding are aligned with the regional transport vision and deliver value for money for the people of NSW.

1.5 Reporting on progress

The Plan will be a 'living' document to be continually updated as the area changes, technology evolves, legislation adjusts, and new opportunities emerge. Transport for NSW will provide status updates on our deliverables every 12 months, and undertake a refresh of the Regional Transport Plan every five years.



Wind farm near Carcoar NSW

2

The Transport Challenge

2.1 Why is this Plan needed?

This Plan articulates how Transport for NSW intends to respond to the following five trends that will shape the transport needs of the Central West and Orana over the next 20 years.

2.1.1 A Changing Population

Home to the Wiradjuri, Gamilaraay, Wangaaypuwan and Wayliwan peoples, the Central West and Orana is currently home to about 285,000 people, making the region the fifth most populous in Regional NSW. By 2041, the region's population is projected to grow by 7 per cent to approximately 306,000 people. The majority of growth is expected to take place in the Bathurst Regional, Orange City, Dubbo Regional and Mid-Western Regional local government Areas (LGA), with population growth of 21 per cent, 16 per cent, 13 per cent and 9 per cent anticipated respectively.

From a demographics perspective, the average age of the region's population is expected to increase over the next 20 years, with the proportion of people aged over 65 years expected to increase by almost 50 per cent between 2016 and 2041. This will mean around 25,000 extra people aged over 65 living in the region. During this same period, the proportion of residents aged under 20 years of age, and between 20 and 65 years of age is projected to decline. Public transport and flexible transport services such as on demand or community transport will be important to the wellbeing of older residents by ensuring they have safe and reliable access to health services, shops and recreation, allowing them to age in place.

Areas outside of the regional cities of Bathurst, Dubbo and Orange are projected to see a stable or declining population across the region. With younger people anticipated to relocate from smaller communities to the larger regional cities within the region or beyond the region altogether for greater employment and education opportunities, smaller communities across the Central West and Orana are projected to have even higher proportions of older people over the next 20 years.

The region has a large Aboriginal¹ population, with approximately 9 per cent of the population identifying as Aboriginal and/or Torres Strait Islander, compared to 3.4 per cent across NSW. This varies across the region from 3 per cent of the population in Weddin LGA up to 30 per cent of the population in Coonamble LGA. The proportion of people identifying as Aboriginal and/or Torres Strait Islander is generally higher in the northern and western parts of the region, which may require a bespoke transport response to meet the needs of these residents.

In combination, the anticipated population growth in key regional cities, along with the changing demographics of the wider region's population, will necessitate an adaptable transport response that will satisfy the needs of our customers both now and into the future.

¹ Inclusive of Aboriginal and Torres Strait Islander populations

Figure 1: Projected population growth and demographic change between 2016 and 2041

		2016		2041	
Population					
Abercrombie - Mid-Western	Bathurst	42,244		50,032	
	Lithgow	21,484		20,811	
	Mid-Western	24,546		26,924	
	Oberon	5,349		5,402	
Orana	Bogan	2,764		2,952	
	Coonamble	4,051		3,442	
	Dubbo	51,404		58,777	
	Gilgandra	4,298		3,322	
	Narromine	6,617		5,121	
	Warren	2,797		2,449	
	Warrumbungle	9,562		7,333	
Orange-Cowra	Blayney	7,343		7,455	
	Cabonne	13,577		13,833	
	Cowra	12,659		12,797	
	Orange	41,210		51,977	
Mid-Lachlan	Forbes	9,817		10,304	
	Lachlan	6,356		5,679	
	Parkes	14,924		14,533	
	Weddin	3,677		2,870	
Total		284,679		306,013	
Age bands					
	2016	%	2041	%	
0-19	76,479	27%	70,798	23%	
20-64	155,874	55%	157,640	52%	
65+	52,326	18%	77,573	25%	
Total	284,679		306,011		

Source: NSW 2019 Population Projections

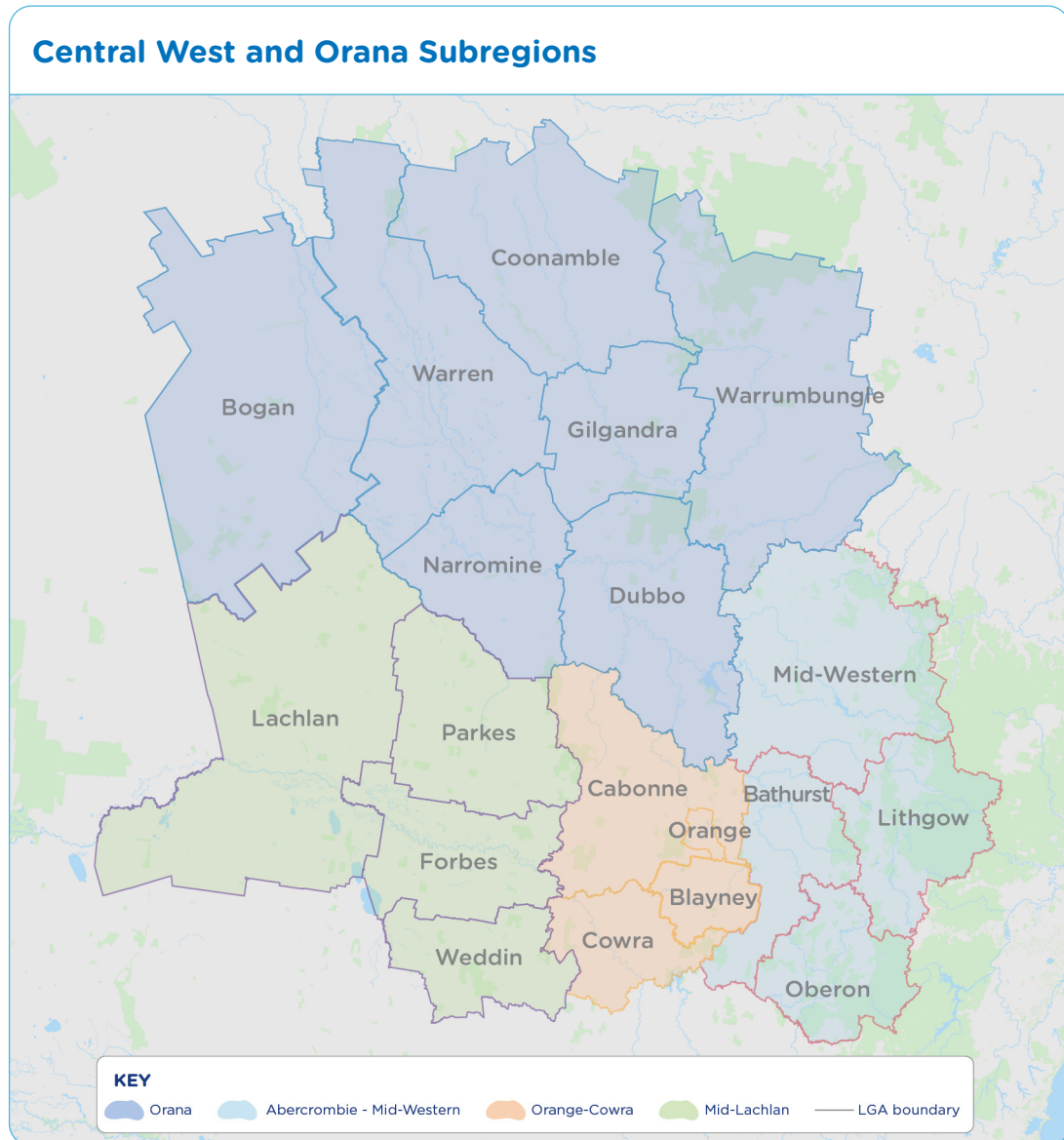
2.1.2 Growing Regional Centres

The majority of population growth projected for the region is expected to be predominantly concentrated within the key regional centres of Bathurst, Dubbo and Orange. In combination, the local government Areas of Bathurst, Dubbo and Orange account for 47 per cent of the region's population, with this growing to 53 per cent by 2041. These centres will experience different transport challenges to smaller surrounding centres. Centres in close proximity to major centres such as those in the Blayney, Cabonne and Oberon LGAs will also experience a small uplift in population. Providing and promoting additional multi-modal transport choices will be necessary to support these centres into the future, particularly to support day-to-day activities, employment, and education.

The four sub-regions within the Central West and Orana, identified as Abercrombie-Mid-Western, Mid-Lachlan, Orange-Cowra and Orana, are based around key centres of Bathurst, Parkes, Orange and Dubbo respectively. As these centres grow, they will become more important for surrounding communities within each sub-region seeking to access essential services. Providing day return transport options to these centres, accessible regardless of age, ability or income, will support communities right across the region.



Figure 2: Central West and Orana sub-regions



2.1.3 Supportive Transport Services and Infrastructure

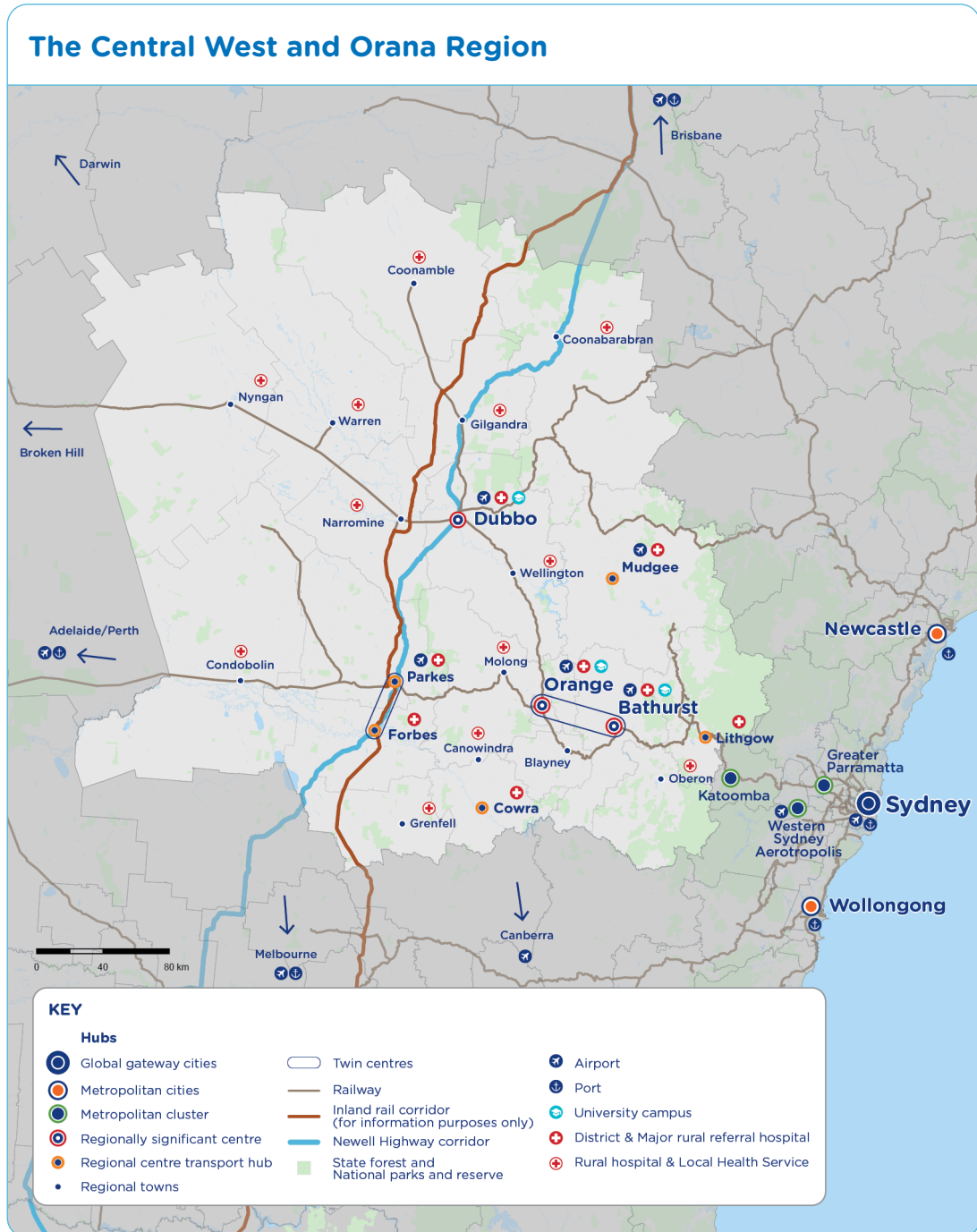
The Central West and Orana is well placed at the heart of NSW. Transport-related initiatives which are underway or committed seek to exploit this advantageous position. Moreover, the level of investment in projects both within and just beyond the region have the scale and scope to considerably change the way people and goods move into the future.

Investment in Inland Rail, and the continual improvement of the Newell Highway, will further strengthen the north-south spine through the region and enable improved connectivity between the Central West and Orana and key destinations beyond the region including Brisbane and Melbourne.

Parkes, already an important intermodal facility on the east-west rail line, will be further strengthened by Inland Rail and development of the Parkes Special Activation Precinct (SAP). A number of east-west road corridors are identified for continued improvement into the future, including the committed upgrade of the Great Western Highway between Katoomba and Lithgow. This improved connectivity to Greater Sydney will also benefit local residents and businesses accessing the Western Sydney International (Nancy-Bird Walton) Airport when it opens in 2026.

Additional recent investment in services, such as the second daily Bathurst Bullet, the 16 Cities Bus Services Improvement Program and bus service trials for isolated communities have gone some way to improving modal choice. However, long distances and often infrequent alternative services can make connections beyond the region challenging, particularly for those without a private vehicle.

Figure 3: The Central West and Orana Region



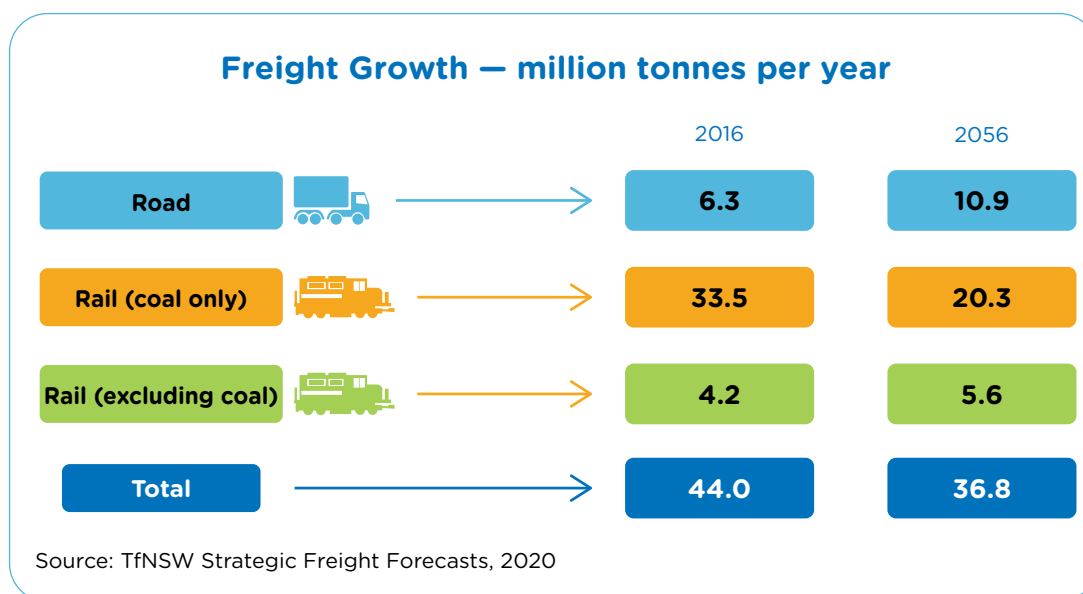
2.1.4 An Evolving Freight Task

With more than 43 million tonnes of freight moving to and from the region in 2016, freight is a significant part of the regional transport task. Key commodities for the Central West and Orana include coal, agricultural commodities, construction materials and forestry. Greater Sydney is currently the primary destination for road freight whereas the Illawarra-Shoalhaven and the Hunter are the primary destinations for rail freight. Fuel is the largest inbound freight commodity.

In 2016, the movement of coal accounted for about 75 per cent of all freight trips across the region. With the volume of coal movements expected to decrease from 33 million tonnes in 2016 to about 20 million tonnes in 2056, the volume of freight moving from the region will decrease. As coal demand drops, we'll need an agile freight network that can easily transition to the needs of new commodities being transported to and from the region. Excluding coal, freight movements will grow from about 10 million tonnes in 2016 to 17 million tonnes in 2056. This growth of freight, as outlined in Figure 4, will need to be accommodated and moved efficiently on our road, rail and aviation networks.

The Central West and Orana plays a key strategic role in inter-regional connections to major Australian ports and markets including Sydney, Melbourne, Brisbane, Canberra and west to Adelaide and Perth. Improvements to the Newell Highway and the development of the Inland Rail corridor will provide stronger connections to Brisbane and Melbourne, opening up new export pathways for goods produced in the region and alternative markets to Sydney. This will place a stronger importance on the Parkes Special Activation Precinct as a logistics hub, which is within 12 hours of 80 per cent of Australia's population². It is likely that the amount of freight moving through the region will continue to grow as a result of these projects. Additional rail freight may come from new freight tasks, such as those associated with Parkes SAP.

Figure 4: Freight forecasts for the Central West and Orana



² Department of Planning, Industry and Environment 2016, Central West and Orana Regional Plan

Planning is underway for improvements to the Great Western Highway between Katoomba and Lithgow which will improve connections to and from Greater Sydney for freight vehicles. Notwithstanding, connections to Greater Sydney remain a challenge with network constraints in Sydney as well as topographic constraints across the Blue Mountains.

Additionally, first and last mile access for freight vehicles can be challenging, particularly as the use of High Productivity Vehicles (HPVs) continues to expand. With the planned bypass of Parkes facilitating access for PBS Level 3A vehicles along the entire length of the Newell Highway and the expanded access for vehicles along the Great Western Highway, barriers along the State Road network will continue to be addressed in the future. Partnering across all levels of government to address access issues will be important to maximise the benefit of these upgrades.



Canola fields near the Weddin Mountains

2.1.5 A Low Emissions Future

The impacts of climate change are becoming increasingly evident in the frequency and magnitude of extreme weather events and natural disasters. Higher temperature days and major intense storm and rainfall events place considerable strain on the transport network, impacting operational reliability and customer safety, as well as long-term asset resilience.

In 2017, the transport sector was the second largest contributor to greenhouse gas emissions in NSW.³ Transport for NSW supports the NSW Government's goal to reach net zero emissions by 2050 and acknowledges that the transport sector will need to play a key role in the transition towards a low emissions future.

A Renewable Energy Zone (REZ) pilot is set to be established in the Orana, in the vicinity of Dubbo, Wellington, Gilgandra and surrounds. The REZ combines renewable energy generation, such as wind and solar, with batteries and improved transmission infrastructure in the same location to leverage economies of scale. With electric vehicles forecast to reach upfront price parity with traditional combustion engine vehicles in Australia from 2024⁴, the region's transport network and transport fleet will need to evolve. The REZ may provide a catalyst for local change and could allow the region to see some of the benefits from the REZ realised in the transport sector.

³ NSW Government 2020, Net Zero Plan Stage 1: 2020-2030, p. 11

⁴ NSW Government 2020, Net Zero Plan Stage 1: 2020-2030, p. 17



2.2 Why not business as usual?

Across the Central West and Orana, the car is the dominant method of travel, accounting for 91 per cent of all trips to work (see Figure 5). This is due to the ease of vehicle travel in regional centres where congestion is limited and parking freely available.

As regional centres grow and the population changes, attractive alternatives to private vehicle transport will become increasingly important, particularly for those customers without access to a car. Around six per cent of households across the region do not own a private vehicle. Greater modal choice across the region will improve access to essential services like employment, education and health and address transport disadvantage. With the Central West and Orana experiencing an ageing population, multi-modal travel options will also help to support older people to age in place.

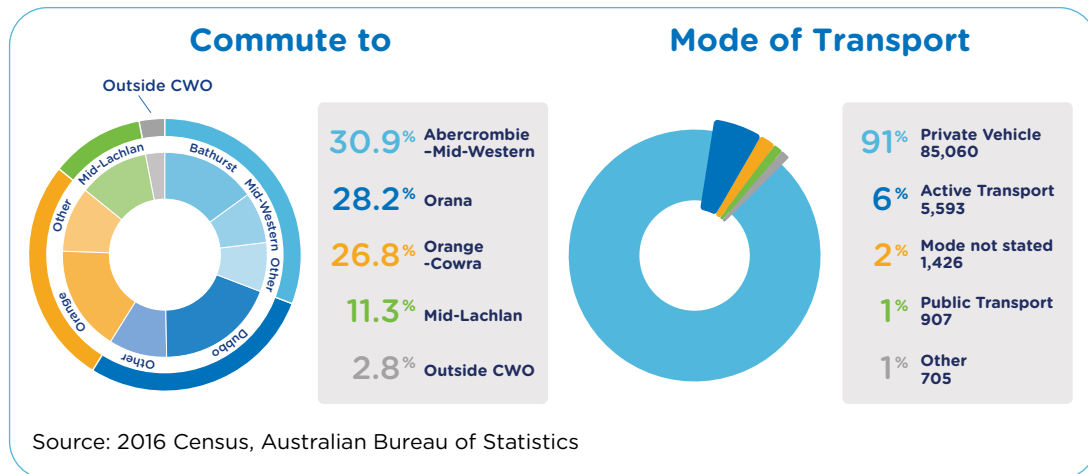
Transport for NSW will work with local government to seek opportunities to enhance multi-modal connectivity both within and between villages, towns and regional centres. This includes walking, cycling, rail, local bus and point-to-point transport.



Herding sheep, Central West NSW

Herding sheep near Greenethorpe

Figure 5: 2016 'Place of Work' and 'Journey-to-Work Mode Share' for the Central West and Orana



Furthermore, with the release of the NSW Government's Net Zero Plan Stage 1: 2020-2030, there is a pressing need for the transport sector to embrace low emission technologies, initiatives and interventions, and support the successful transition to net zero emissions by 2050.

To facilitate a more sustainable, multi-modal and safer transport network for the Central West and Orana, that proactively responds to anticipated changes in land use, population and travel demand, and delivers improved travel choices for more people regardless of age, ability and income, this Plan will adopt a 'vision and validate' approach.

The 'vision and validate' approach recognises that continuing to accept current travel behaviours, and in particular high levels of private car use, is ultimately unsustainable and unlikely to achieve the regional transport vision. The approach assumes that existing travel behaviours and trends can and will change over time, and therefore should not dictate future need. In addition, opportunities to electrify the private vehicle fleet and de-carbonise freight movements will allow customers and industry to move within and beyond the region where other alternative modes may not be available, whilst still supporting a net zero future.

Based on this approach, this Plan identifies the infrastructure, services, technology and policy mechanisms required to achieve the vision, while responding to the anticipated future growth in population, travel demand and changing land use patterns.

CHAPTER

3

The Transport
Opportunity

3.1 A Transport Vision for the Central West and Orana

By 2041, the Central West and Orana will be different from the region we see today. Regionally significant transport initiatives like Inland Rail and the upgrade of the Great Western Highway between Katoomba and Lithgow will be operational, considerably improving connectivity both within and beyond the region, as well as delivering a safer, more reliable transport network for the region and its people.

Almost one in every five (18 per cent) trips will be made by walking, cycling or public transport across the region, more than doubling the combined mode share from the 2016 Census. Key regional cities like Bathurst, Orange and Dubbo will be places that support a more urban lifestyle where people regularly choose to walk and cycle to shops, services, schools or work.

Through a continued focus on improving road safety outcomes, the Central West and Orana will be safer with Fatal and Serious Injury (FSI) crashes trending down in-line with the NSW-wide 'Towards Zero' goal of zero fatalities and serious injuries on our roads by 2056.

Innovation and advances in technology will continue to deliver improved safety, greater network resilience and freight efficiencies. The wider distribution of 'real-time' information to support informed decision-making and rollout of digital ticketing by 2024⁵ will see improved customer outcomes by enabling new and more personalised mobility solutions. Furthermore, the initial deployment of electric vertical take-off and landing (eVTOL) aircraft has the potential to deliver improved transport and health services for regional communities and businesses.

A higher proportion of the region's population will have access to day return services to their nearest regionally significant centre, making public transport an attractive alternative to the private vehicle for more trips, more often.

On-demand transport, point-to-point services and the evolving micro-mobility transport sector will complement traditional, timetabled public transport services to provide customers with more travel choices and at times of their choosing within key regional centres like Cowra, Forbes, Lithgow, Mudgee and Parkes.

Multi-modal connectivity between the Central West and Orana and Greater Sydney will be more efficient, reliable, comfortable and safe, whilst connectivity to the global gateways of Canberra and Newcastle will be improved through the application of the 'hub and spoke' approach to transport planning.

With the aid of Inland Rail and associated improvements to intermodal facilities located within the Parkes Special Activation Precinct (SAP), commodities will flow seamlessly both within and beyond the region. Supporting road and rail networks will be enhanced to accommodate more efficient vehicle combinations, embrace technology-driven solutions, and address first mile/last mile limitations through collaborative partnerships between all levels of Government and industry representatives. Connectivity to key regional airports will also be important going forward.

⁵ Transport for NSW 2021, Future Transport Technology Roadmap 2021-2024, p. 7

Through the Central West-Orana Renewable Energy Zone (REZ), the region will be well on the way to achieving a low emissions future. With the roll-out of zero emissions buses across NSW, public transport services will be both cleaner and more accessible, and the take up of electric vehicles will be supported by a comprehensive, local fast charging network underpinning the electric evolution of the vehicle fleet. Advances in hydrogen fuel cell technology will also address range anxiety for long haul transport.

Finally, management strategies which can adapt to changing circumstances will be in place that build resilience into the transport network, maintain emergency access along key routes, and bring the network back on-line quickly following planned and unplanned disruptions.



3.2 Achieving the Vision

The transport vision for the Central West and Orana will be achieved through the implementation of 18 key objectives and their supporting initiatives. The objectives are categorised under the following six broad themes, with supporting initiatives staged over multiple time periods and in order of importance.

- ▶ **Connected** – a transport network that facilitates seamless, multi-modal connectivity between where people live, work and play
- ▶ **Safe** – a transport network that delivers a safer future for the Central West and Orana
- ▶ **Liveable** – a transport network that supports vibrant places while enabling the successful movement of people to access jobs, services and social opportunities regardless of age, ability and income
- ▶ **Adaptive and Sustainable** – a transport network that both contributes to, and supports, a seamless transition to a low emissions future
- ▶ **Productive** – a transport network that supports the efficient, safe and sustainable movement of freight through the principle of ‘moving more with less’
- ▶ **Resilient** – a transport network that is resilient to major disruptions associated with natural disasters, climate change and planned and unplanned events

The themes, objectives and initiatives combine to articulate the realisation of the regional transport vision at a local level, as well as address the unique characteristics of the Central West and Orana.



3.2.1 Connected

From a connectivity perspective, one of the key themes that is promoted in both Future Transport 2056 and the Regional NSW Services and Infrastructure Plan for Regional NSW is the concept of 'hub and spoke'.

The 'hub and spoke' approach is the most effective way of delivering improved transport outcomes to more potential customers as it considers all transport links ('spokes') – be they by road, rail, footpath, cycleway or air – radiating out from regional cities, towns and villages ('hubs') and how they interact with each other.

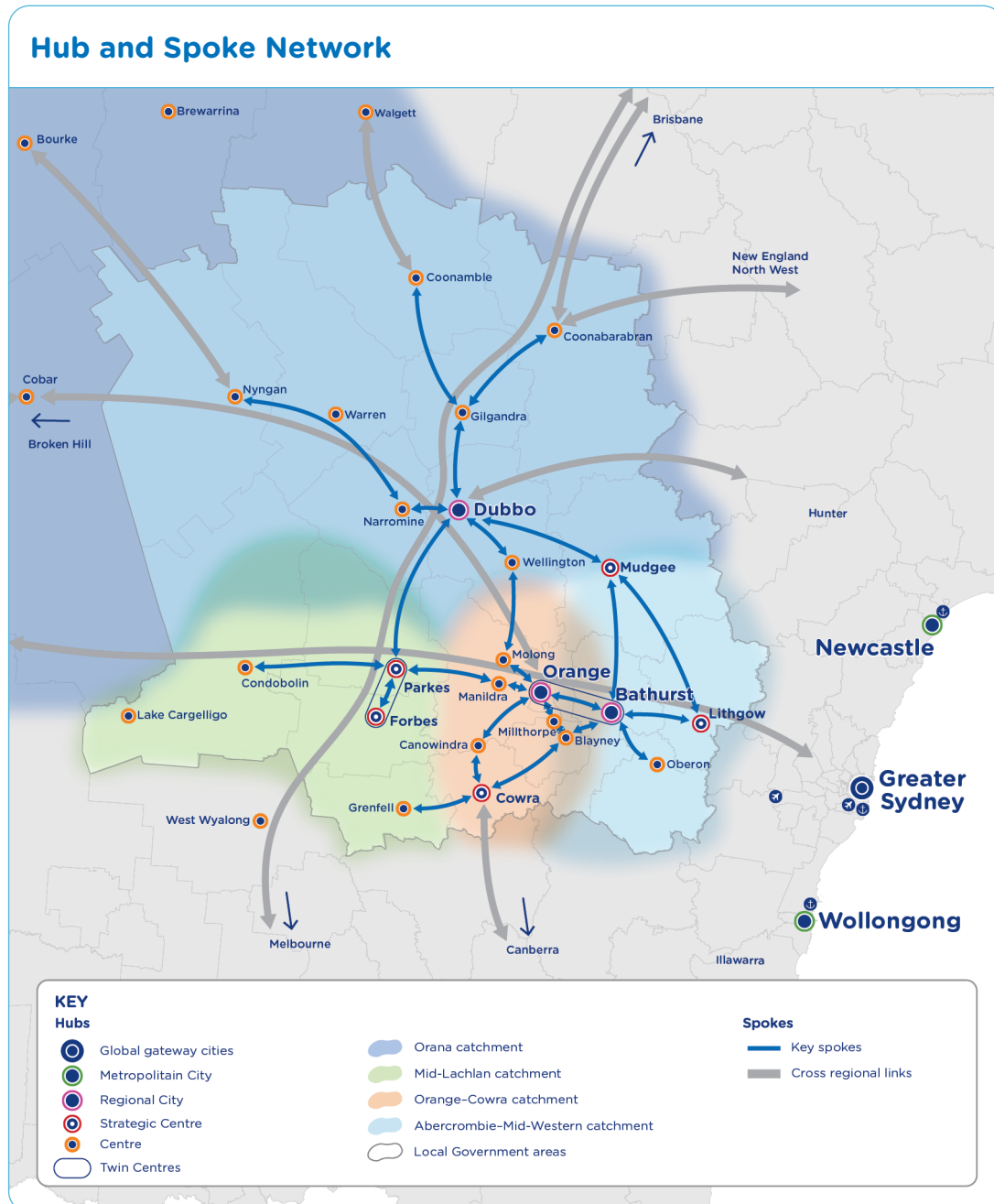
The 'hub and spoke' network for the Central West and Orana focuses on transport connections radiating from the catchment areas of key regional cities and centres which serve as hubs for employment, education, health and retail services. The focus for smaller communities within each catchment will be improving multi-modal connectivity to their nearest major hub.

This Plan nominates the following objectives to help improve connectivity across the Central West and Orana.

- › **Objective 1** – Improve multi-modal connectivity within centres
- › **Objective 2** – Improve multi-modal connectivity within the region
- › **Objective 3** – Improve multi-modal connectivity beyond the region



Figure 6: Hub and Spoke Network for the Central West and Orana



Objective 1 – Improve multi-modal connectivity within centres

Improving multi-modal connectivity across the Central West and Orana will be key to making walking, cycling and public transport attractive alternatives to the private vehicle for more trips, more often. Private vehicle transport is the most dominant mode of transport across the region, accounting for 91 per cent of all journey-to-work trips, with walking (five per cent), public transport (one per cent) and cycling (one per cent) accounting for seven per cent of JTW trips.

The Regional NSW Services and Infrastructure Plan, a supporting plan of Future Transport 2056, seeks to increase the mode share for walking, cycling and public transport trips across Regional NSW to eight, five and five per cent respectively. This Plan will adopt similar modal targets for the Central West and Orana to deliver greater modal choice for more customers, more often and enable the regional transport network to better respond to the changing needs of the population throughout all stages of life.

The 16 Regional Cities Bus Services Improvement Program is a NSW Government commitment to improve bus services that support key regional transport hubs. The Program will deliver improved transport connectivity between where customers live, work and play through enhancements to existing services, as well as the identification of new services, to better support local connectivity.

Through the Program, Transport for NSW is currently planning improvements to bus services in Bathurst, Dubbo, Orange and Parkes. The service improvements are anticipated for completion by late 2023.

With the focus on regional cities in the short-term, in the medium-term Transport for NSW will also investigate opportunities to enhance public transport catchments around the strategic centres of Cowra, Forbes, Lithgow and Mudgee. In smaller centres across the region, community transport or on-demand style services may have a role to play in providing connectivity to key services.



Bus service in Bathurst

Across the region, approximately three in every four local people live within two kilometres of their nearest urban centre, making active transport an attractive alternative for the population. Active transport delivers significant health, environmental and economic benefits, creates communities that are resilient, and enables our communities to be more equitable, inclusive and liveable for everyone. Expanding the active transport network in the regional cities, centres, towns and villages will encourage more trips by walking and cycling across the Central West and Orana.

Finally, the evolving micro-mobility transport sector, characterised by electric bikes and shared e-bike services, offer alternatives for first and last mile travel between where people live and key destinations within regional cities, centres, towns and villages. Analysis undertaken by the National Association of City Transportation Officials (NACTO) showed that 136 million trips were undertaken on shared bikes and scooters across the United States in 2019, with an average trip length of between 1.5 to 2.5 kilometres.⁶

Many of these micro-mobility trips replaced private vehicle trips, provided access that was previously time-consuming by foot, or difficult on public transport by making it easier to reach that 'first mile'. Given micro-mobility could deliver a similar positive impact across the Central West and Orana, we will investigate how these devices can be safely accommodated into the transport network to provide customers with more choice and greater flexibility.

⁶ National Association of City Transport Officials, 2020



Objective 2 – Improve multi-modal connectivity within the region

Regional cities act as hubs for employment, retail, health, education and cultural activities for their surrounding catchment areas. Transport for NSW recognises the critical role that transport plays in connecting smaller towns and villages to their nearest centre, and the need to improve modal choice for our regional customers. The ‘hub and spoke’ approach has been developed to better respond to the travel needs of those living in smaller towns and villages.

Under existing conditions, private vehicle transport is often the only way for people living in smaller towns and villages to access their nearest centre or beyond the region. For those residents without access to a private vehicle or unable to drive, having no transport alternatives limits connectivity to the essential goods and services available in larger regional hubs or beyond the region, and can lead to social isolationism and disadvantage.

Transport for NSW proposes to improve multi-modal connectivity across the Central West and Orana by adopting the following approaches:

- ▶ Improve the safety and reliability of existing road and rail corridors;
- ▶ Enhance existing day return services across the region and investigate opportunities to expand the services offered and connections available; and
- ▶ Investigate opportunities for more frequent public transport services between key regional cities and centres.

To improve road connectivity between key regional cities and centres across the Central West and Orana, Transport for NSW is currently delivering, and planning for, safety and reliability improvements on the Great Western, Mitchell and Newell Highways. We will also investigate similar improvements on the Barrier, Castlereagh, Golden and Mid-Western, Henry Parkes Way, Lachlan Valley Way and The Escort Way.

From a rail perspective, with fleet being updated for regional rail services, a more comfortable and safe journey is anticipated in the future between regional centres. Transport for NSW will also investigate improvements to the Main West Rail Line to improve travel time reliability for both passenger and freight services. In the medium term, we will also work collaboratively with the Australian Rail and Track Corporation (ARTC) to investigate opportunities for passenger services to complement freight services on the Inland Rail alignment once operational.

Transport for NSW acknowledges that there is no ‘one-size-fits-all’ approach in connecting people from smaller towns and villages to their nearest regional city or centre by public transport. On-demand transport is a flexible transport service not fixed to a formal route or timetable that can pick passengers up from a convenient location and take them to where they need to go.

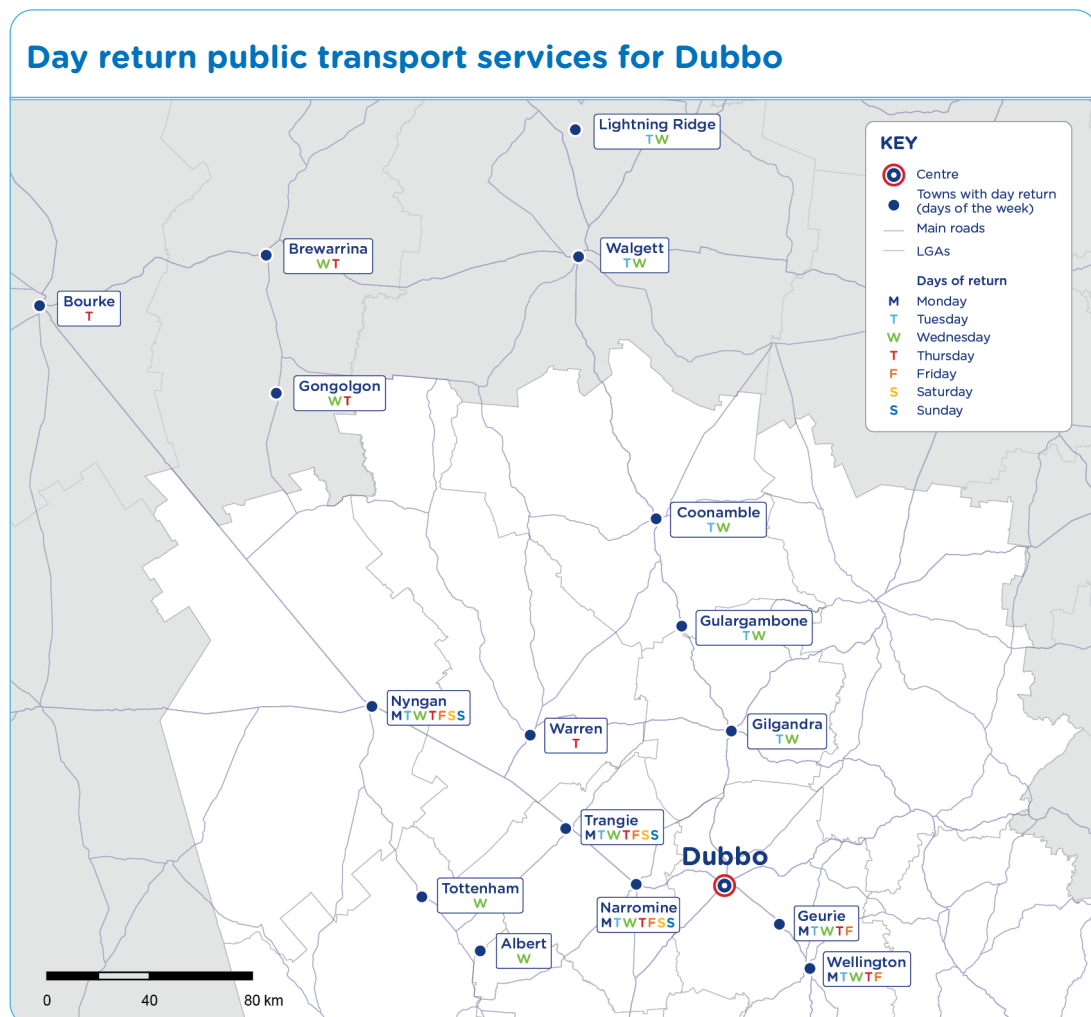
Transport for NSW has been trialling on-demand and weekly return coach services to better understand customer needs within smaller communities. These services, such as the trial from Wyangala to Canberra via Cowra, provide more rural and remote customers with greater access to essential health, education, employment and retail services that are not readily available in their current locality. The success of a trial service connecting Tottenham to Dubbo via Albert and Narromine led to the implementation of the service as a permanent public transport option. Transport for NSW will take learnings from these current and former trials and continue to

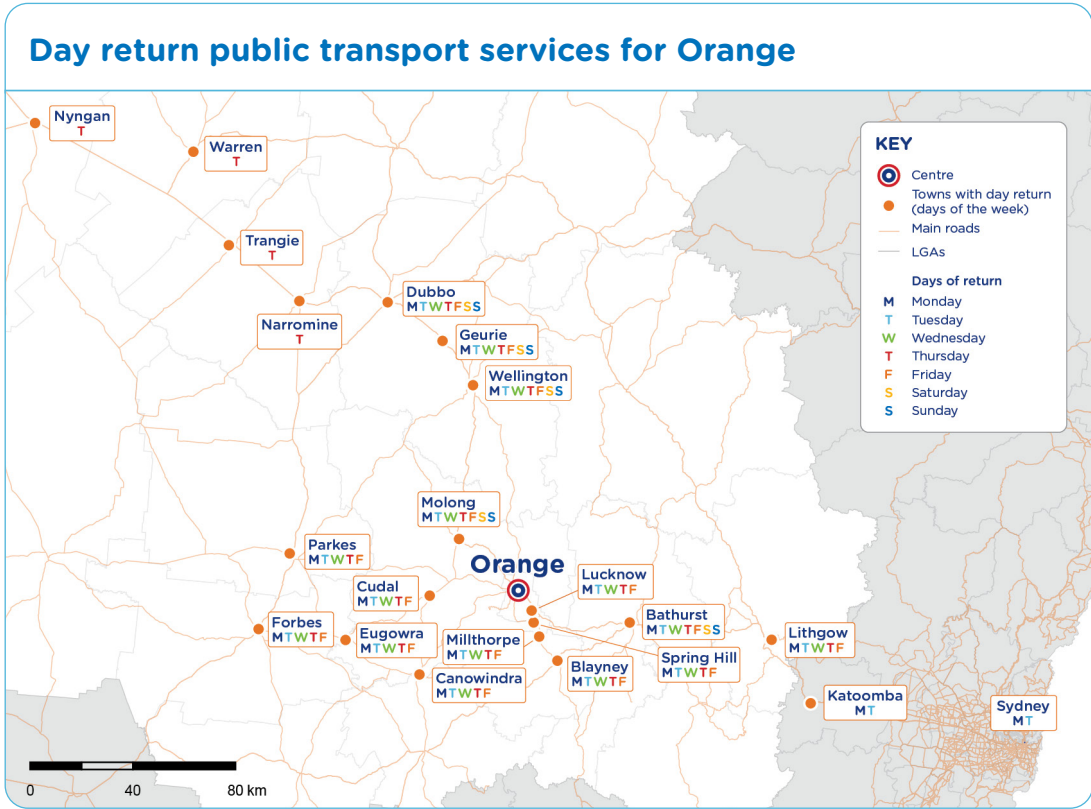
investigate opportunities for new flexible services across the region into the future. Additionally, we will be working collaboratively with community transport operators to identify opportunities for community transport to complement traditional timetabled bus services. For local Aboriginal communities, Transport for NSW will need to continue to work directly with these communities to identify culturally appropriate transport services.

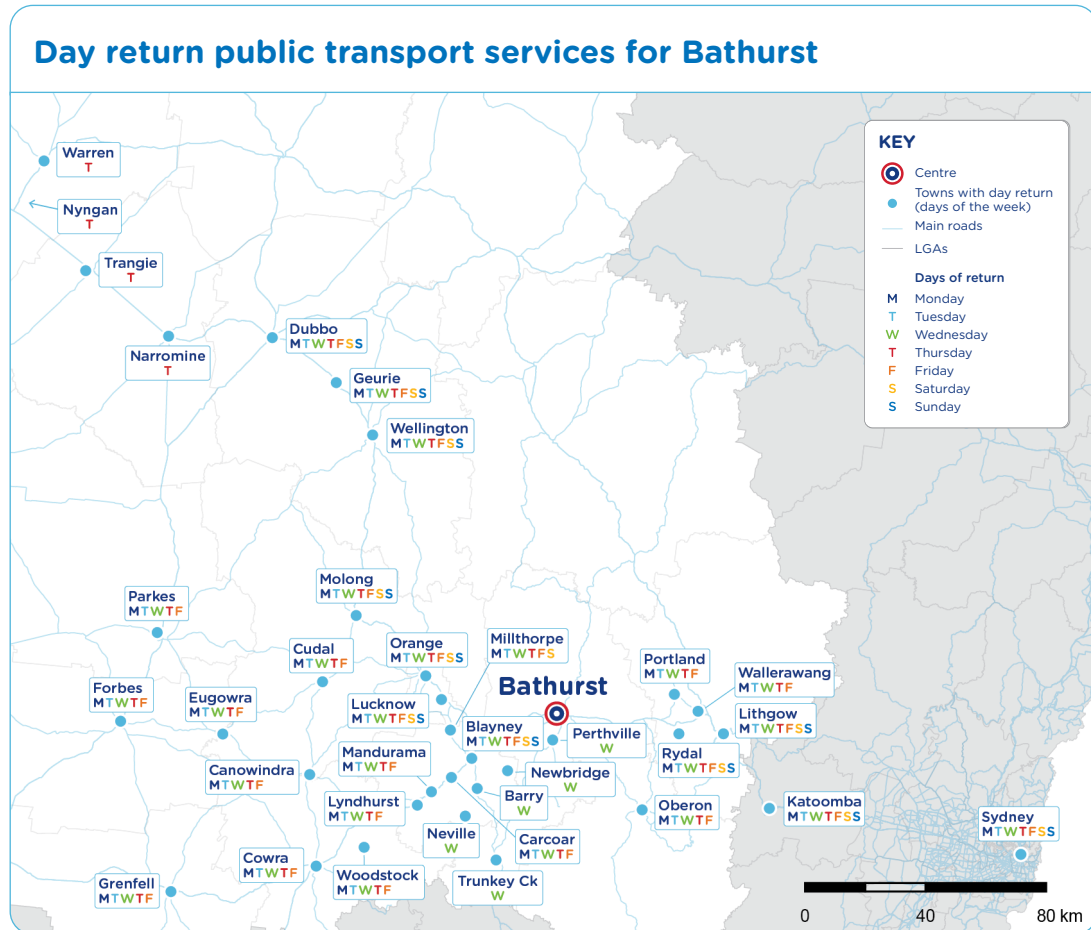
Day return services offer options for same-day connectivity to the nearest regional centre by public transport. These services support the transition towards increased 'hub and spoke' connectivity. Figure 7 shows the availability of current day-return services connecting more rural and remote customers with the regional cities of Bathurst, Dubbo and Orange.

Transport for NSW will investigate further opportunities to improve the frequency and timing of existing day return services across the Central West and Orana, as well as investigating new flexible connections for smaller communities to their nearest hub. We will also consider the appropriateness of the fleet to ensure it effectively meets the transport needs of the customer, as well as delivers a level of comfort that is cognisant of the trip length.

Figure 7: Existing day return service availability to Dubbo, Orange and Bathurst







Finally, for trips between key regional cities and centres, Transport for NSW will investigate opportunities to introduce more frequent public transport services to provide an attractive alternative to private vehicle transport. This will not only enhance the existing 'hub and spoke' networks of Bathurst, Dubbo and Orange, it will also deliver greater modal choice for more customers, more often. Routes for consideration could include Bathurst and Orange, Lithgow and Bathurst, Cowra and Orange, Parkes and Forbes, Dubbo and Wellington, and Mudgee and Guldong.

Objective 3 – Improve multi-modal connectivity beyond the region

Facilitating improved multi-modal connectivity between the Central West and Orana and strategic global gateways like Greater Sydney, Greater Newcastle and Canberra will be integral to the long-term economic prosperity of the region, as well as effectively meet the needs of a growing, and more mobile, population.

Regional connectivity is being improved through major projects such as Inland Rail and the Great Western Highway Upgrade Program. The Great Western Highway upgrade, between Katoomba and Lithgow, will help provide improved safety and reliability for people travelling between Greater Sydney and the Central West and Orana. The upgrade will also support greater connectivity between regional centres, towns and villages in the Central West in particular.

Furthermore, progressive upgrades of major road corridors such as the Newell and Golden Highways will also improve safety and reliability for those customers travelling beyond the region.

From a rail perspective, the Bathurst Bullet now delivers a twice daily connection between Bathurst and Greater Sydney. This service is complemented with a daily service between Dubbo and Sydney Terminal, and more frequent intercity services between Lithgow and Sydney Terminal via the Blue Mountains Rail Line. As the Western Parkland City continues to evolve into the future, improved rail connectivity between the Central West and Orana with Western Sydney, including the new Western Sydney International (Nancy-Bird Walton) Airport, is anticipated to increase in importance.

To enhance the customer experience for people travelling by rail across the Central West and Orana, through the Regional Rail Project Transport for NSW will replace ageing XPT, XPLOER and Endeavour trains with new rolling stock. The new trains will provide:

- ▶ improved accessibility including accessible toilets on every train, wider doors, single-deck carriages, priority seating and accessible help points;
- ▶ improved customer information through digital information screens and announcements, and CCTV throughout the train; and
- ▶ Comfortable directional seating with aeroplane-style overhead luggage storage, seat pockets, charging ports for mobile devices and tray tables suitable for laptops.

The first new trains are expected to be running from 2023, with the full fleet coming into service progressively.

As part of the Regional Rail Project, a new purpose-built maintenance centre, named Mindyarra is being built in Dubbo to support the new fleet, stimulate the regional economy and help create sustainable job opportunities and skills for people of the Central West and Orana.

While acknowledging the strategic importance of the connection between the Central West and Orana and Greater Sydney, connectivity with the global gateways of Greater Newcastle and Canberra are also important for the region, particularly for the eastern Orana and more southern Central West communities respectively.

To further enhance these connections, Transport for NSW will investigate multi-modal improvements between the Central West and Orana and both Greater Newcastle and Canberra. This includes an investigation of safety and reliability improvements for the Lachlan Valley Way to improve connectivity between the region, Canberra and the South East and Tablelands. Similarly, we will also investigate passenger rail services between Dubbo and Greater Newcastle.

With the completion of Inland Rail in 2026, Transport for NSW will work collaboratively with the Australian Rail Track Corporation (ARTC) to investigate opportunities this corridor may deliver for passenger rail services across NSW, including through the Central West and Orana. In addition, beyond identified public transport service improvements, Transport for NSW will also investigate improved public transport connections, including coach services to regionally significant centres in neighbouring regions.

Accessibility to air travel helps improve the liveability of the region. Regular passenger air services are currently available from Bathurst, Dubbo, Orange, Parkes and Mudgee Airports which provide connectivity to various destinations beyond the region including Greater Sydney. Connecting airports in key regional cities to neighbouring towns through improved public transport and point-to-point services (and potentially eVTOL aircraft) will expand the population catchment with access to inter-regional air services. The NSW Government, partnering with local government and Industry, is testing eVTOL technology at Narromine Aviation Technology Park to understand the potential benefits for Regional NSW.

Finally, the NSW Government is currently finalising the Fast Rail Network Strategy. The Strategy will outline the economic and social benefits of fast rail in New South Wales and present a blueprint for the delivery of a fast rail network. Four routes are being investigated to improve connectivity in Regional NSW, including a western corridor between Greater Sydney, Lithgow, Bathurst, Orange and Parkes. These investigations are considering opportunities to grow regional economies and improve access to employment, health, education and services for regional customers and communities.

Figure 8: Artist impression of the New Regional Rail Fleet



3.2.2 Safe

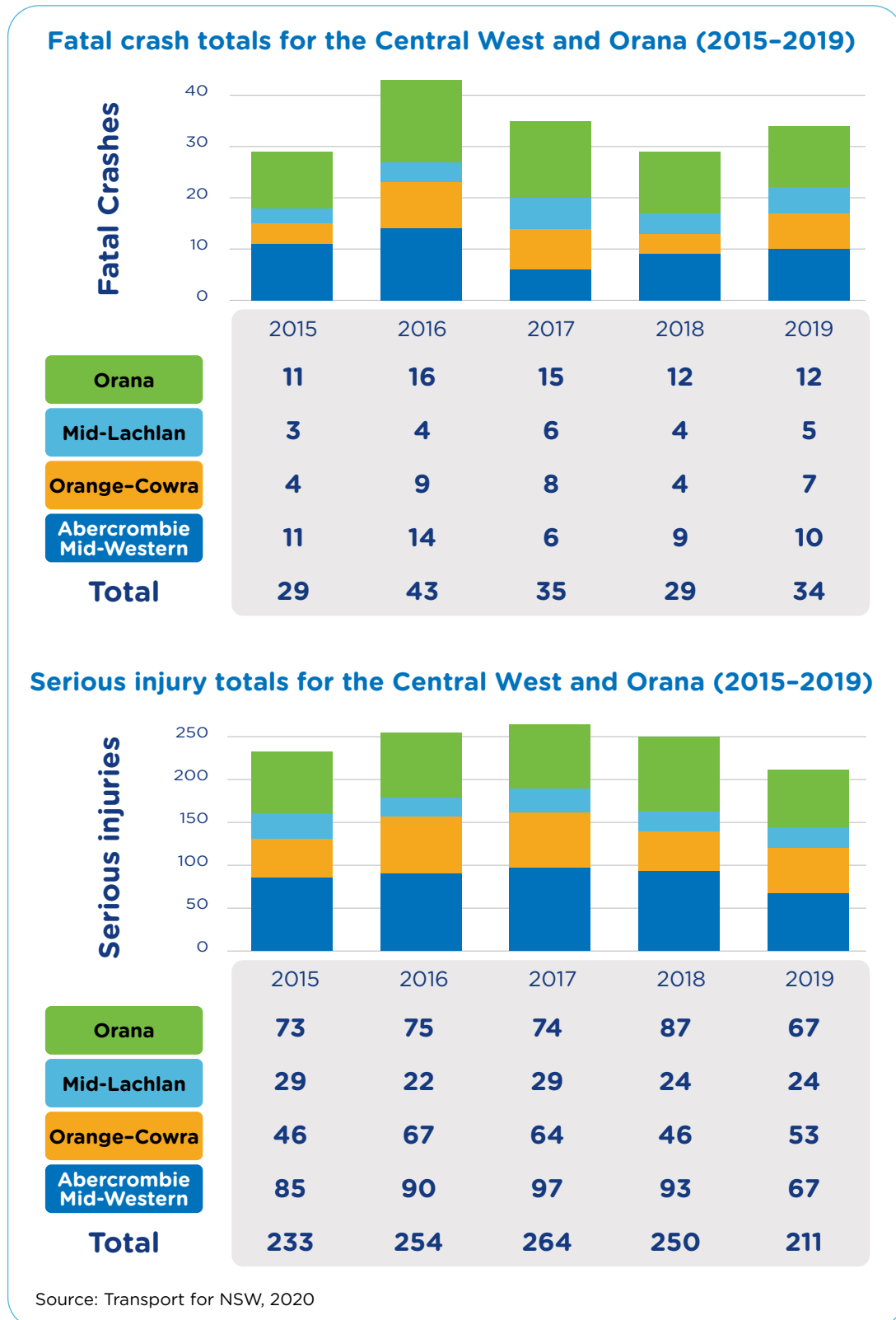
The Road Safety Plan 2021, a key supporting plan of Future Transport 2056, highlights the priority areas, actions and initiatives required to help NSW achieve the ambitious 'Towards Zero' goal of zero fatalities and serious injuries on our roads by 2056. This is particularly relevant for Regional NSW with the fatality rate on country roads four times the comparative metropolitan rate, and more than 70 per cent of people who die on country roads are local.

Figure 9 shows that the number of serious injury crashes across the Central West and Orana has reduced year-on-year since 2017, however the number of fatal crashes continues to fluctuate.

Through the following objectives and their corresponding initiatives and interventions, this Plan seeks to deliver a safer transport network for the Central West and Orana that proactively reduces fatal and serious injury crashes in-line with 'Towards Zero' goal.

- ▶ **Objective 4** – Proactively address road safety issues across the Central West and Orana
- ▶ **Objective 5** – Speed zones support improved safety outcomes for all customers
- ▶ **Objective 6** – Utilise technology to improve safety outcomes

Figure 9: Fatal and Serious Injury (FSI) Crash totals for the Central West and Orana 2015-2019



Objective 4 – Proactively address road safety issues across the Central West and Orana

Across the Central West and Orana, Transport for NSW will apply the Safe System approach when managing the transport network. The approach recognises that people do make mistakes and aims to ensure that when a crash occurs, the energy levels transmitted to a person are below what would cause a fatal or serious injury. The approach is underpinned by the following principles:

- ▶ people are fallible and make mistakes;
- ▶ roads, roadsides and vehicles need to be designed to minimise the likelihood of a crash occurring or reduce the force if a crash does happen; and
- ▶ road safety is a shared responsibility.

Figure 10: The Safe System Approach



In addition, Transport for NSW will continue to utilise the Saving Lives on Country Roads (SLCR) initiative to proactively support a safer road network across the Central West and Orana. The initiative is designed to address two key contributors to road fatalities and serious injuries on country roads – high-risk curves and driver fatigue.

Under the SLCR initiative, Transport for NSW is delivering safety improvements on the Castlereagh, Newell and Olympic Highways, as well as the Great Western Highway and Mitchell Highway corridor between Lithgow and Orange. A complete list of our current projects both in delivery and in planning can be found at towardszero.nsw.gov.au/safesystem/safe-roads.

A number of behavioural factors can be attributed to fatal and serious injury crashes. Across NSW, speeding is a factor in 42 per cent of fatalities, followed by tiredness and fatigue in 18 per cent of fatalities. Transport for NSW currently has a number of projects and campaigns underway or planned across the region to address behavioural issues as part of the 'Towards Zero' goal. The local government Road Safety Program (LGRSP) is one such initiative that proactively funds educational and behavioural initiatives to address local road safety priority issues such as drink and drug driving, fatigue, speeding and pedestrian safety.

To mitigate the severity of run-off road and head-on crashes, Transport for NSW is rolling out safety barriers and audio tactile line marking (ATLM) on major road corridors across the Central West and Orana. Safety barriers can reduce the severity of crashes by up to 95 per cent while audio tactile line marking provides a noise (audio) and vibratory (tactile) warning to motorists who may stray from the carriageway due to fatigue or poor visibility. ATLM is currently being installed on targeted sections of the Newell Highway.

To support safe driving behaviour, Transport for NSW will identify where additional rest stop facilities are required to ensure formal rest facilities are provided at appropriate intervals consistent with the Austroads Guidelines for the Provision of Heavy Vehicle Rest Area Facilities (Austroads, 2019) for all State Roads across the Central West and Orana. This will also include the identification of facilities for adult disabled amenities and change rooms.

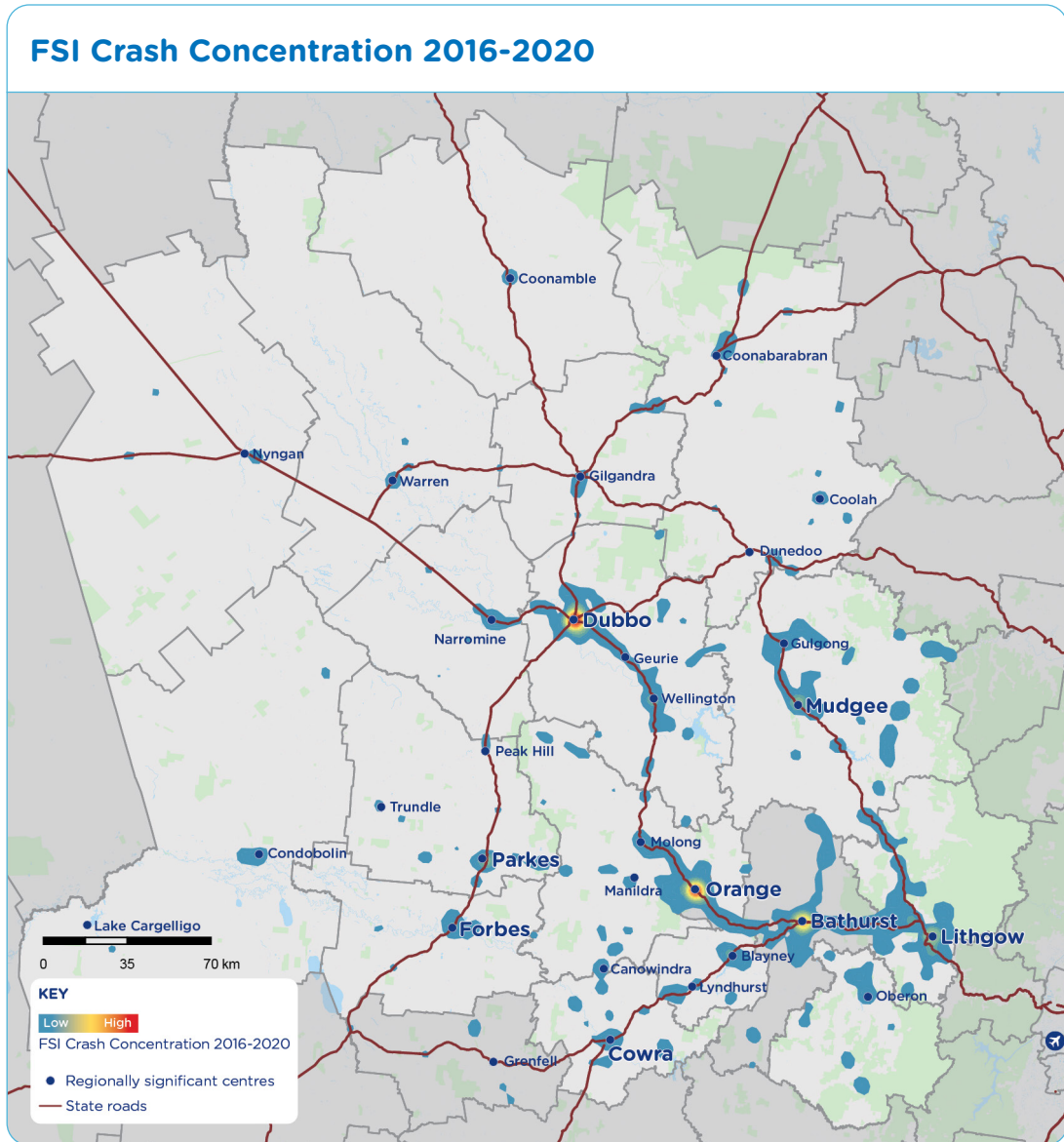
To improve safety at rail level crossings, Transport for NSW is working to implement a maximum speed limit of 80km/h in the vicinity of actively-controlled rail level crossings – crossings that use lights and boom gates to warn motorists. We have also committed to upgrade 18 level crossings across the region by mid-2023, including 12 level crossings that will be upgraded from passive controls – crossings that only use warning signs to notify motorists – to active controls.

While Transport for NSW will continue to take a proactive approach to road safety where possible, there will still be an ongoing need to resolve crash clusters and priority sites across the region. For the Central West and Orana, Figure 11 shows that the highest concentration of fatal and serious injury crashes recorded between 2015 and 2019 occurred:

- ▶ in the vicinity of the Bathurst, Dubbo, Orange and Lithgow;
- ▶ the Great Western Highway between Lithgow and Bathurst;
- ▶ the Mitchell Highway between Bathurst and Orange and Dubbo and Wellington; and
- ▶ the Castlereagh Highway between Mudgee and Gulgong.

Through the Safer Roads Program, Transport for NSW will continue to work with local government to resolve crash clusters and priority sites across the Central West and Orana to deliver sustainable and long-term reductions in road trauma.

Figure 11: Fatal and Serious Injury Crash Concentration 2016-2020



Objective 5 - Speed zones support improved safety outcomes for all customers

Speed limits are set so vehicles are able to safely respond to potential risks in the road environment. Additionally, speed limits need to be cognisant of place, considering both activities and land use beyond the pavement. Generally, where there are more people walking and cycling, lower speed limits are used to reduce the risk of crashes and people being seriously injured.

To support this position, analysis undertaken by Transport for NSW identified a 33 per cent reduction in crashes causing serious injuries and deaths in 40km/h high pedestrian activity areas across NSW between 2005 and 2015.

To ensure speed zones improve safety outcomes for all customers, Transport for NSW will commission speed zone reviews across the Central West and Orana to determine the appropriateness of existing posted speed limits.

Where it is established that the speed zone is not appropriate for the local environment, speed limits will be adjusted accordingly. Recent local examples of where speed zones have been reviewed include the speed limit reduction from 50km/h to 40km/h within the Forbes CBD, and the proposed reduction to 40km/h in the Orange CBD to better reflect local conditions and support improved safety outcomes.

Finally, Transport for NSW will work collaboratively with local government to investigate areas that could be suitable for the introduction of a 30km/h speed zone to provide a safer environment in areas of high pedestrian and cycling activity.



Objective 6 – Utilise technology to improve safety outcomes

The Central West and Orana has long been a testing ground for new safety-focused technologies that have benefited customers far beyond the region.

A new five-star vehicle safety testing facility has been established by Transport for NSW at a disused airport in Cudal to test future safety-focused technologies. Complementing the existing CrashLab in Western Sydney, the Cudal site will be able to test emerging technologies like Autonomous Emergency Braking and Lane Keep Assist in a controlled rural road environment.

Transport for NSW, in partnership with industry and Dubbo Regional Council, has announced a world first driverless ute trial that will connect key locations within Dubbo, whilst also focusing on how driverless vehicles handle movements of native wildlife. The ‘Smart ute’ will be a crew cab retrofitted with automation technology and will operate between Dubbo CBD, Dubbo Regional Airport and Taronga Western Plains Zoo.

Finally, apps such as Speed Adviser can assist drivers throughout the region, particularly on longer drives or where speed limits fluctuate. The free smartphone app was developed by Transport for NSW and is designed to reduce speeding by notifying the driver in real-time when the speed limit has been breached. The app also provides over-speed alerts for every active school zone in the Central West and Orana.



3.2.3 Liveable

Future Transport 2056 acknowledges the vital role transport plays in land use, tourism, and the economic development of villages, towns and cities. It also focuses on the role of transport in supporting the character of the places and communities we want in the future.

Through the following objectives, this Plan sets out how transport will positively contribute to the liveability of the region, and identify the initiatives required to eliminate barriers to travel at all stages of life and regardless of age, ability and income.

- › **Objective 7** – A transport network that both supports and enables vibrant places
- › **Objective 8** – A transport network accessible to all customers, regardless of age, ability and income
- › **Objective 9** – Improved access to travel information and legibility for all customers

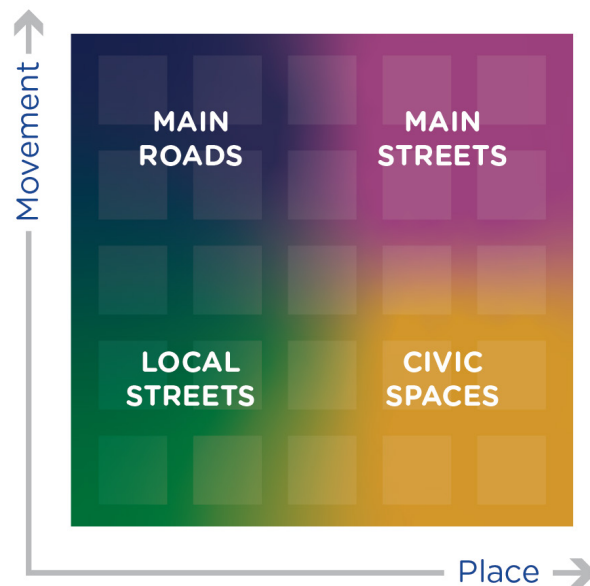


Objective 7 – A transport network that both supports and enables vibrant places

Movement and Place is a cross-government framework for planning and managing our roads and streets across NSW. The framework delivers on NSW policy and strategy directions to create successful streets and roads by balancing the movement of people and goods with the amenity and quality of places.

The framework considers the whole street including footpaths, from property line to property line and takes into account the needs of customers both moving through, and spending time, in a place. The framework will be a key tool to facilitate collaboration with stakeholders and deliver improved liveability for key 'places' across the region.

Figure 12: The four street environments that underpin the 'Movement and Place' framework



Transport for NSW will utilise the framework to inform improvements proposed for the Mitchell Highway (Summer Street) through Orange, the Newell Highway through Dubbo and Parkes, and the collaborative work being undertaken with Jenolan Caves Reserve Trust on Jenolan Caves Road.

In addition, Transport for NSW will utilise the framework to inform development of Place-based Transport Plans for the regional cities of Bathurst, Dubbo and Orange. Co-designed in collaboration with local government and relevant State Agencies, Place-based Transport Plans will provide a clear cross-Government vision for transport, infrastructure and land use and support shared accountability for the initiatives identified to achieve the vision.

Finally, through the NSW Government's Streets as Shared Spaces Program, funding has been announced for activation projects in Bathurst, Coonabarabran, Gilgandra and Lithgow. The Program provides funding to local government for temporary activation projects in the public domain to test ideas for more permanent improvements to local streets, paths and outdoor spaces.

Objective 8 – A transport network accessible to all customers, regardless of age, ability and income

The transport network plays a major role in connecting people with key services no matter where they are located in the region. To fulfil this role, Transport for NSW, together with local government, needs to provide a combination of services and infrastructure that facilitates multi-modal transport options for all customers, regardless of age, ability and income.

First announced in 2012, the NSW Government has invested \$1 billion to improve accessibility to transport facilities through the Transport Access Program (TAP). Through ongoing investment in the Program, Transport for NSW will continue to deliver a better experience for public transport customers by delivering accessible, modern, secure and integrated transport infrastructure. The Program aims to deliver:

- ▶ stations that are accessible to people with a disability, limited mobility and parents with prams
- ▶ modern buildings and facilities for all modes that meet the needs of a growing population
- ▶ modern interchanges that support an integrated network and allow seamless transfers between all modes for all customers

Within the Central West and Orana, planning is underway for a TAP upgrade at Dubbo Station, whilst both Blayney and Parkes Stations have been upgraded through the Program over the past 12 months.



Artist's impression of Parkes Station Upgrade

The Country Passenger Transport Infrastructure Grants Scheme (CPTIGS) provides subsidies to support the construction or upgrade of bus stop infrastructure across Regional NSW. To date, a number of new bus stop shelters and Disability Discrimination Act (DDA) (Commonwealth of Australia, 1992) compliance upgrades have been funded by the program, including 17 new shelters and seven upgrades to existing stops across the Central West and Orana.

Point-to-point transport options like taxis, hire cars, tourist services and rideshare have delivered flexible, convenient options for customers at a time of their choosing, via the route they prefer, and maintain accessibility for people without access to a private vehicle or in areas where public transport services are limited. On-demand trials provide a flexible approach to investigating new transport services across the region.

Reforms introduced in community transport also provide options to travel to medical appointments for disadvantaged groups in the community. Bathurst Community Transport, with assistance from the private sector, run a service from Bathurst to Orange Base Hospital for patients who need to access the Department of Radiation Oncology. Transport for NSW will work with NSW Health and industry representatives to identify additional transport opportunities to connect patients with critical medical appointments across the region.

The NSW Government is also trialling a travel card for eligible seniors who live in regional, rural and remote areas of NSW to help reduce travel costs associated with living outside of major cities. The Regional Seniors Travel Card is a prepaid card with \$250 to spend on travel-related expenses such as pre-booked NSW TrainLink train and coach services, fuel and taxi services.

Finally, following recommendations by the Independent Pricing and Regulatory Tribunal (IPART), bus fares in Regional NSW were reduced from January 2021, including the introduction of adult daily tickets capped at \$5 for short trips. More affordable fares provide equity across NSW, eliminate barriers to travel and encourage greater social inclusion.



Objective 9 – Improved access to travel information and legibility for all customers

Transport for NSW will aim to provide comprehensive, accurate information to deliver a more positive customer experience for more people, more often and empower greater real-time journey planning.

The NSW Regional Rail Fleet Project will see XPT, XPLOER and Endeavour trains replaced with a new regional train fleet that will considerably improve safety, accessibility, amenities and reliability for customers who travel between Regional NSW and Greater Sydney. The first trains will be progressively introduced from 2023.

The Transport Connected Bus (TCB) Program is delivering the technology platform for the tracking and automatic passenger counting of Transport for NSW-contracted buses in Regional NSW, enabling customers to be informed with trip information in real-time and services to be assessed through reporting and analytics.

After successful trials of real-time tracking and passenger occupancy information for buses in Dubbo, Coffs Harbour and Bega Valley, the Program is being rolled out to other regional cities including Bathurst, Orange and Parkes. Technology improvements such as the TCB Program support improved real-time journey planning for our Regional NSW customers.

Finally, through the recently-released Future Transport Technology Roadmap 2021-2024, Transport for NSW will investigate the rollout of Opal Contactless ticketing into Regional NSW to provide convenient frictionless ticketing on all public transport services across NSW, with cash and paper tickets maintained where needed. This will deliver greater flexibility and seamless journeys for our customers.



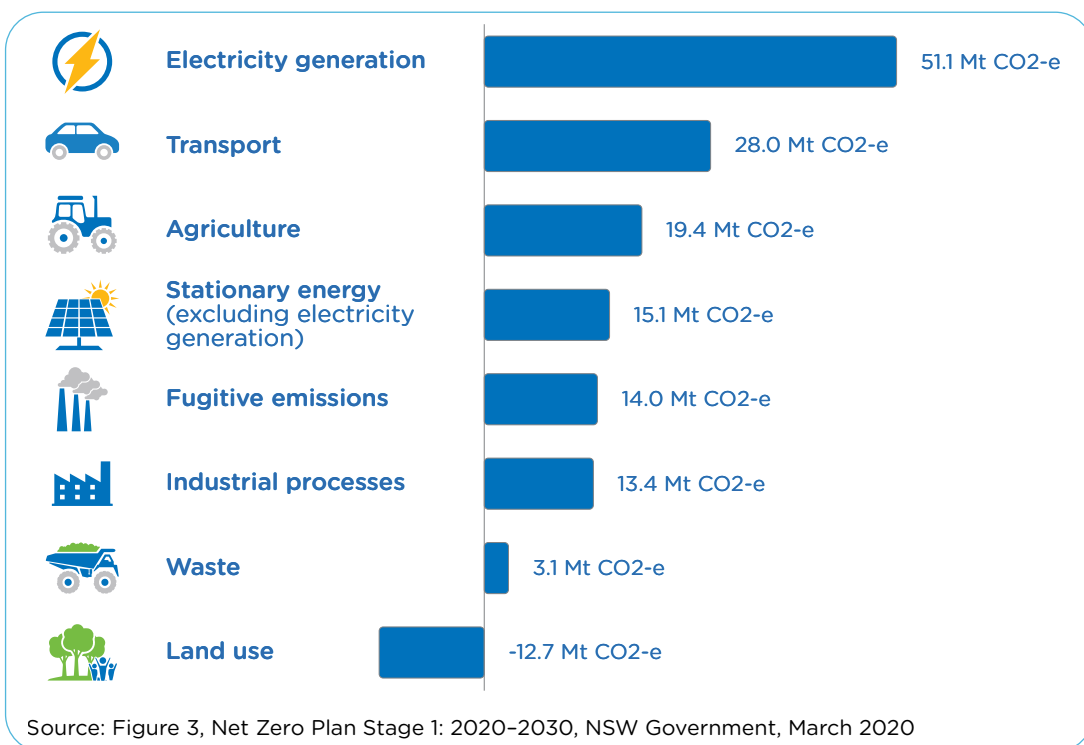
3.2.4 Adaptive and Sustainable

In March 2020, the NSW Government released the Net Zero Plan Stage 1: 2020-2030. The Plan is the foundation for NSW's goal to reach net zero emissions by 2050, and presents a framework for how NSW will achieve a 50 per cent cut in emissions by 2030 compared to 2005 levels.⁷

From a NSW-wide perspective, the transport sector was the second largest contributor to greenhouse gas emissions in 2017.

Transport for NSW supports the NSW Government's goal to reach net zero emissions by 2050 and acknowledges that the transport sector will need to play a key role in the transition towards a low emissions future. Through a combination of infrastructure improvements, policy interventions and behavioural change, the transport sector will need to adapt over the next 20 years to meet both the interim 2030 target, as well as drive the regional transition to a low emissions future.

Figure 13: NSW emissions by sector in 2017



For the Central West and Orana, Transport for NSW has nominated the following three objectives to transition the transport sector towards a low emissions future:

- › **Objective 10** – Embrace technology to reduce the need for travel
- › **Objective 11** – Increase the number of trips made by walking, cycling and public transport across the Central West and Orana

⁷ SW Government, 2021, Net Zero Plan Stage 1: 2020-2030 Implementation Update, p. 4

- › **Objective 12** – Facilitate the fleet transition to emissions-free technology

Objective 10 – Embrace technology to reduce the need for travel

The COVID-19 pandemic has seen major changes in our way of life. What was once thought impossible has, over the space of several months, become not only possible but in many ways the ‘new normal’. The rapid expansion of working from home opportunities, as well as increased reliance on telehealth services and online shopping, have combined to reduce the need to travel during the pandemic.

The common thread between these behavioural trends is technology. The continued embrace of technology-led solutions beyond the pandemic will provide opportunity for people to travel less, reducing peak demand on the transport network and contribute to greater sustainable behaviour overall.

The NSW Government’s 20 Year Economic Vision for Regional NSW identifies the need for affordable, reliable and fast mobile and internet connectivity to support people and businesses. Transport for NSW will continue to work with and support other NSW Government agencies to ensure strong digital connectivity across our transport network into the future.

Over the next 20 years, Transport for NSW will ensure that both the transport network, and transport services, across the Central West and Orana are well positioned to embrace the new opportunities and policies that will emerge from this technology-led future.



Objective 11 – Increase the number of trips made by walking, cycling and public transport across the Central West and Orana

Trips made on foot or by bicycle are in essence, emissions free. Similarly, while public transport may be predominantly powered by fossil fuels today, with Transport for NSW committed to the transition of the NSW bus fleet to Zero Emissions Buses (ZEB), combined with the ongoing transition of the electricity grid to renewables, public transport also has the potential to operate emissions free in the foreseeable future.

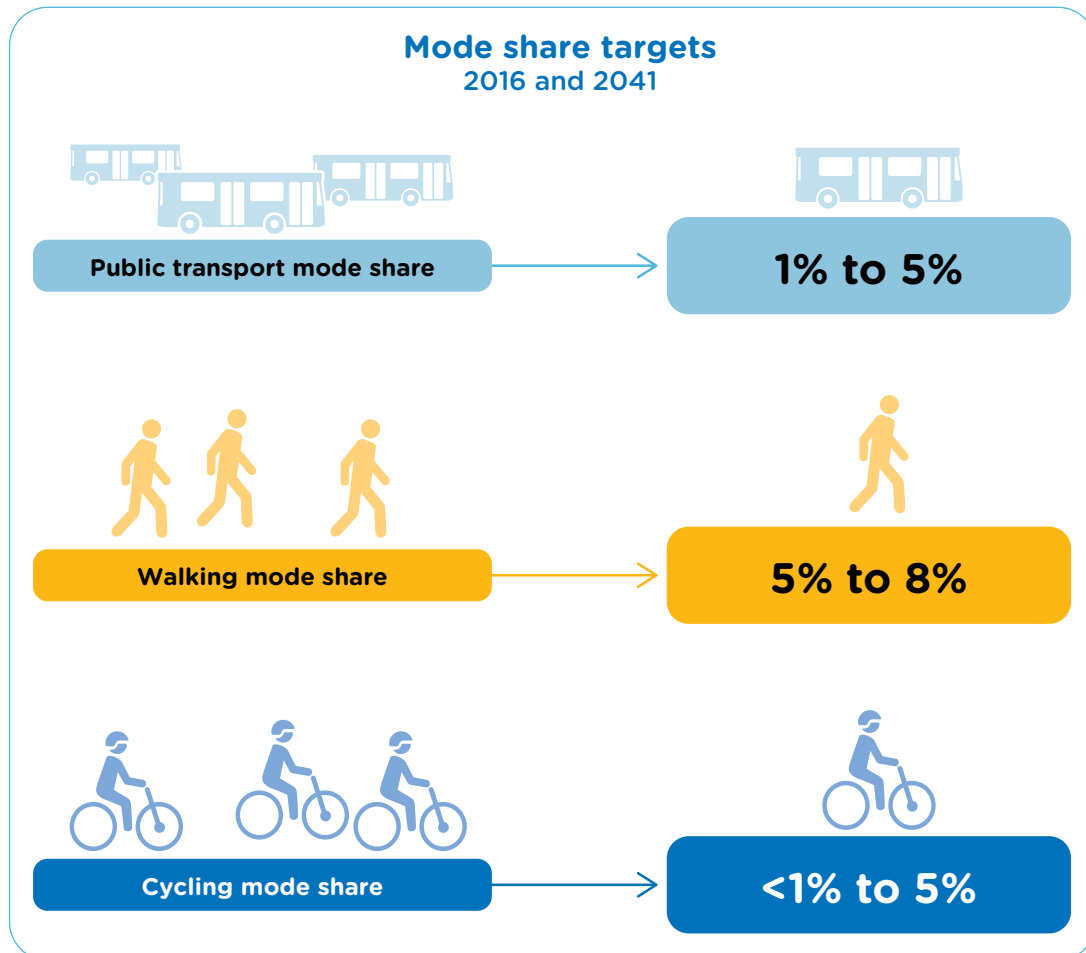
Encouraging more people across the Central West and Orana to walk, cycle and catch public transport over the next 20 years will play a key role in meeting NSW's goal to reach net zero emissions by 2050.

Data compiled from the 2016 Census shows that for the Central West and Orana, private vehicle transport was the dominant mode of choice for journey-to-work trips at 91 per cent, followed by active transport (walking and cycling combined) at six per cent and public transport at one per cent.

By 2041, we want to see almost one in every five (18 per cent) trips made by walking, cycling or public transport across the Central West and Orana (see Figure 14). This step change in regional travel behaviour will require collaborative coordination between local government, State Agencies, industry partners, and local communities, and be underpinned by a comprehensive suite of infrastructure and service improvements, and complementary education campaigns.

To support this step change, our Providing for Walking and Cycling in Transport Projects Policy necessitates that every transport project funded by Transport for NSW must include provision for walking and cycling within the core scope of the project. In order to deliver the best outcomes for our customers in line with Future Transport 2056, walking and cycling components of a project must be incorporated from the outset.

Figure 14: 2041 Mode share targets for the Central West and Orana



Through the NSW Government's Walking and Cycling Program, Transport for NSW will work collaboratively with local government to address barriers to walking and cycling across the transport network, and ensure active transport is the most convenient option for short trips regardless of the asset owner. This includes working with Bathurst, Dubbo and Orange LGAs to investigate expanded cycling networks across these three cities.

Similarly, Transport for NSW will work collaboratively with the NSW Department of Education, Catholic Schools NSW and local government to address barriers to walking and cycling to schools across the Central West and Orana. In the 1970's, three out of every four school children walked or cycled to school in Australia.⁸ Today on average, only one in every four school children walk or cycle to school, with the majority now being driven.

For new residential estates and urban renewal precincts, Transport for NSW will work with local government, DPIE and industry partners to ensure new neighbourhoods are walking and cycle-friendly, support seamless integration with established active transport networks, and are supplemented with complementary infrastructure that prioritises walking and cycling. Similarly, we will also work with these stakeholders to better design places for people to support vibrant places and effectively balance movement and place.

Transport for NSW will also encourage local government to necessitate the provision of secure bicycle parking and end-of-trip facilities – change room facilities, showers, personal storage space (lockers) – for all new developments to further support the shift towards more sustainable travel behaviour across the Central West and Orana.

Building on the public transport initiatives highlighted earlier – 16 Regional Cities Services Improvement Program, enhanced day return services, investigation of more frequent services between key regional cities and centres – Transport for NSW will investigate opportunities to complement traditional, timetabled services with both on-demand transport and community transport services.

Finally, following the successful repurposing of the Tumbarumba to Rosewood Rail Line as a rail trail, Transport for NSW work with relevant stakeholders to investigate opportunities across the Central West and Orana to repurpose redundant road and rail assets for active transport use.

⁸ Heart Foundation, 2018



Cycling event in Bathurst NSW

Objective 12 – Facilitate the fleet transition to emissions-free technology

Electric vehicles forecast to reach upfront price parity with traditional combustion engine vehicles in Australia from 2024.⁹ Combined with the NSW Government’s aspirational target for hydrogen to make up 10 per cent of the total gas network by 2030, there is both the need and the opportunity for a transition towards a future where both electric and hydrogen fuel cell vehicles become the norm rather than the exception.

The transition to a cleaner, greener transport future will require both leadership and collaboration between State Agencies, local government and industry to deliver the required infrastructure and services that will both enable, and encourage, the change to occur.

Under existing conditions, charging options for electric vehicles across the Central West and Orana are relatively limited, while refuelling opportunities for hydrogen fuel cell vehicles do not yet exist.

To address this issue, Transport for NSW is working collaboratively with DPIE to support the development of a comprehensive Electric Vehicle Charging Station Network across Regional NSW. Furthermore, the NSW Government is currently partnered with the NRMA to deliver at least 20 additional electric vehicle fast chargers along the State’s major highways in Regional NSW, including the Barrier, Mitchell and Castlereagh Highways.

Transport for NSW’s Future Energy Strategy and Future Energy Action Plan focus on the actions that we are taking to achieve net zero by 2050. Headline actions to be delivered by 2025 include:

- ▶ transitioning all operational electricity for public transport to net zero energy;
- ▶ 70 per cent of TfNSW passenger fleet will be low emissions vehicles; and
- ▶ 20 per cent of TfNSW passenger fleet will be battery-electric or hydrogen fuel cell.

In line with these targets, Transport for NSW has committed to transition the entire NSW fleet of over 8,000 mainly diesel buses to clean and quiet zero-emissions buses. Over 50 electric buses have already been ordered and plans are underway to expand the transition across metropolitan and regional areas.

In addition, the new Regional Rail fleet will utilise bi-mode technology to enable these new trains to run on overhead power when operating on the electrified network and use on-board diesel generators when operating outside the electrified network. Operating the trains in a bi-mode configuration is expected to reduce annual carbon emissions by around 540 tonnes.

Over the next three years, Transport for NSW will also commence the transition of our passenger fleet in the Central West and Orana, and work with local government to encourage a similar transition in their respective fleets. By working together, the combined purchasing power of the public sector can help provide the market with confidence to supply more affordable, low emissions products and services to the wider market.

⁹ NSW Government 2020, Net Zero Plan Stage 1: 2020-2030, p. 17

To boost the commercialisation of low emissions hydrogen production and applications, the NSW Government has set an aspirational target for injecting 10 per cent hydrogen into the gas network by 2030. This commitment is likely to have associated benefits for the transport sector, and could open up opportunities for hydrogen fuel cell vehicles across New South Wales.

Like electric vehicles, hydrogen fuel cell vehicles are also emissions free, converting compressed hydrogen into electricity to power an electric motor. They offer the advantages of longer operating ranges, lighter weight and rapid refuelling capability, which may suit long distance freight operations.

The 'Central-West Orana Pilot Renewable Energy Zone' (REZ)

The NSW Government is planning the first Renewable Energy Zone (REZ) for NSW in the Central West and Orana. A REZ combined renewable energy generation such as wind and solar, storage such as batteries, and high-voltage poles and wires to deliver energy to customers. By connecting multiple generators and storage in the same location, REZs capitalise on economies of scale to deliver cheap, reliable and clean electricity for homes and businesses in NSW. Proposed for land in the vicinity of Dubbo and Wellington, the REZ is expected to be shovel-ready by the end of 2022 and unlock up to 3,000 megawatts (MW) of new electricity capacity by the mid-2020s.

The REZ will not only help meet the needs for electricity generation for NSW, but offers opportunities for investigation for the transport sector to take advantage of cheap and readily accessible clean energy from the REZ. This could include sourcing clean energy for charging electric buses, or proactively using electric vehicles as a 'solar sponge' by charging vehicles at times where the electricity generated is greater than demand.



Electric vehicle charging station

3.2.5 Productive

The freight task for the Central West and Orana is anticipated to evolve considerably over the next 20 years. While the transportation of coal is forecast to decline, the transportation of other key commodities like grain and quarry materials by road and rail are estimated to increase up to 2041 and beyond.

With this anticipated growth, it is vital the supporting freight network remains fit-for-purpose, is agile to changing demands and future need, uses technology to drive innovation and deliver safe, efficient and sustainable outcomes, and encourages the greater use of high productivity vehicles and trains to facilitate ‘moving more with less’.

Furthermore, with the variety of commodities transported from the Central West and Orana, future freight planning also needs to be tailored to suit the commodity rather than a ‘one size fits all’ approach.

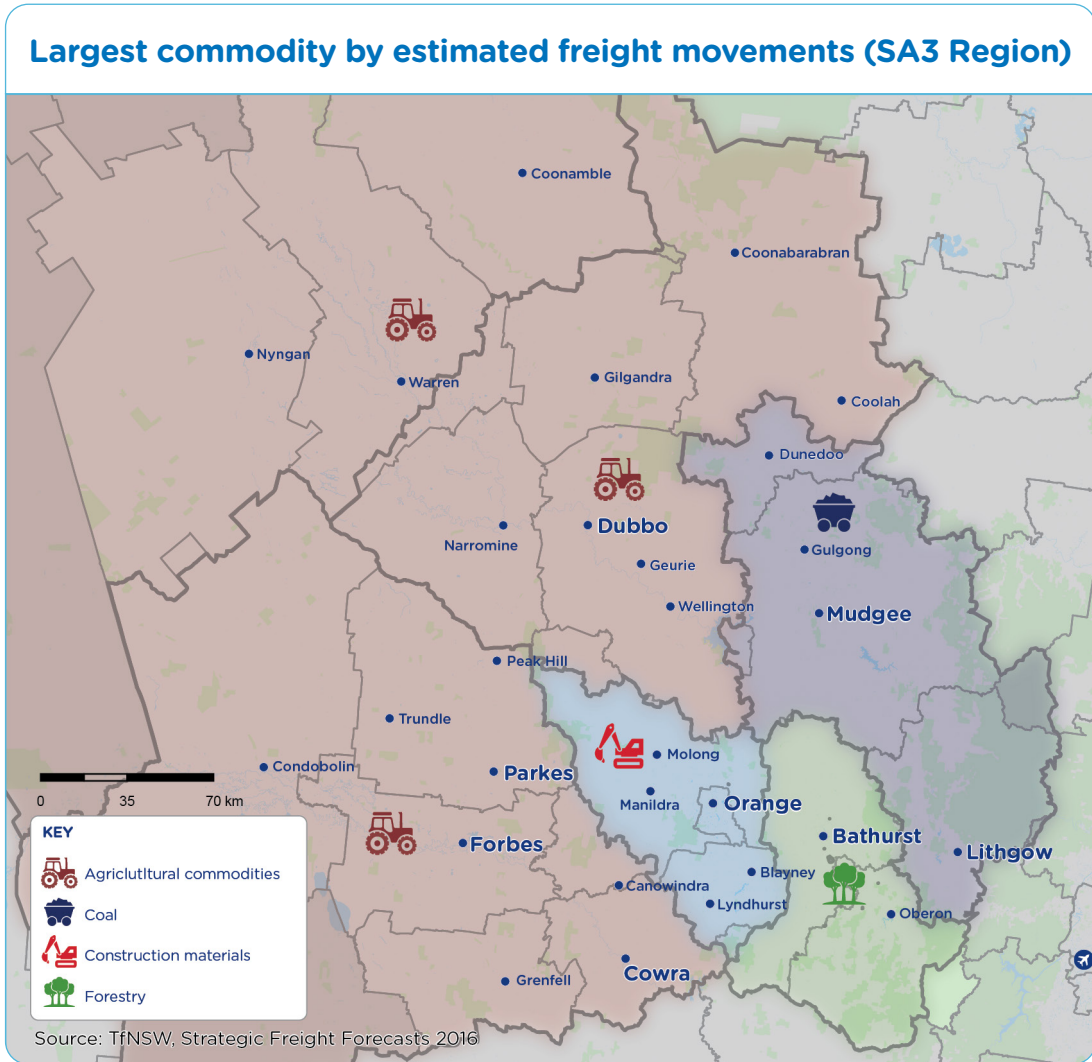
Through the following objectives, this Plan will deliver a safer, more efficient, and technologically-advanced freight network for the Central West and Orana both now and into the future:

- ▶ Objective 13 - Enable appropriate freight connections to Inland Rail, Special Activation Precincts and major freight hubs
- ▶ Objective 14 - Expand the High Productivity Vehicle (HPV) Network across the Central West and Orana
- ▶ Objective 15 - Strengthen connections to major freight destinations beyond the region
- ▶ Objective 16 - First-and-last mile barriers and land use conflicts are resolved to support successful places

Figure 15: Freight movement forecasts to and from the Central West and Orana



Figure 16: Major freight commodities across the Central West and Orana



Freight train near Warren NSW

Objective 13 – Enable appropriate freight connections to Inland Rail, Special Activation Precincts and major freight hubs

Under existing operations, the majority of commodities originating from the Central West and Orana are transported east by road and rail bound for destinations in Greater Sydney, the Hunter and Illawarra-Shoalhaven. However, with major infrastructure projects like Inland Rail and the Parkes Special Activation Precinct (SAP) scheduled to be operational within the next decade, the way commodities are transported both through and beyond the region is expected to change with improved access to new markets.

The Parkes SAP, which sits at the intersection of the Main West Rail Line and the Inland Rail route, positions the Central West and Orana as a strategic location for the distribution of freight between Australia's five largest cities. Parkes, being within 12 hours of 80 per cent of Australia's population, has a unique position which the SAP is seeking to exploit. Transport for NSW will investigate existing road and rail connections to Inland Rail and the Parkes SAP to ensure there is appropriate freight access from the wider Central West and Orana region.

Many existing Central West and Orana intermodal facilities already handle significant freight volumes. Intermodal facilities play a key role in the consolidation, storage and transfer of containerised freight between rail and road. They occupy a critical position in the rail-based supply chain and are essential to increasing the movement of commodities by rail.

Intermodal facilities, as well as bulk grain receiving sites, are significant freight generators across the region. Even with the inclusion of Inland Rail and the Parkes SAP, the movement of commodities from the Central West and Orana towards the east coast is anticipated to continue over the next 20 years and beyond. To sustain these important freight connections into the future, Transport for NSW will work collaboratively with all levels of government to address known road and rail freight constraints both within and beyond the Central West and Orana, as well as continue to plan for improved access to key freight facilities where appropriate.

Finally, Transport for NSW is undertaking a number of upgrades on rail lines across the region to improve capacity and productivity for rail freight. This includes new crossing loops recently completed or under construction on the Main West and Broken Hill Rail Lines.



Figure 17: Intermodal facilities in the Central West and Orana



Objective 14 - Expand the High Productivity Vehicle (HPV) Network across the Central West and Orana

Appropriate connections to major corridors are necessary for a productive journey. Under existing conditions, a number of key freight routes within the Central West and Orana cannot currently support the use of High Productivity Vehicles (HPVs). HPVs are vehicles that can carry more freight more efficiently, with improved safety and environmental performance.

Transport for NSW is delivering, and has committed to, a number of projects across the Central West and Orana that encourage freight operators to expand the use HPVs.

On the Newell Highway corridor, the Parkes Bypass will improve access for HPVs, as well as improve connectivity and safety for local and interstate customers. Once the project is complete, a key constraint for HPVs will be removed from the State Road network and vehicle combinations up to a PBS Level 3A vehicle will be able to utilise the full length of the Newell Highway from the Victorian Border in the south to the Queensland Border in the north.

From an east-west perspective, the proposed upgrade of the **Great Western Highway between Katoomba and Lithgow**, which the Australian and NSW Governments have already committed \$4.5 billion, will deliver improved access for HPVs between the Central West and Orana and Greater Sydney.

Transport for NSW has also been progressively gazetting routes west of the Newell Highway to support the expanded use of HPVs across the region. Gazettal of freight routes for HPVs reduces the need for operators of HPV fleets to obtain permits on a case-by-case basis.

Finally, to continue the efficient transportation of freight across the Central West and Orana, Transport for NSW will work with local government and industry partners to develop a Freight Blueprint for the region. This will include investigating opportunities to expand the HPV network across the region, and working collaboratively to address conflict between heavy vehicles and local communities in urban centres.

Objective 15 – Strengthen connections to major freight destinations beyond the region

The Central West and Orana is located at the junction of key north-south and east-west transport corridors. As outlined in Objective 13, the Inland Rail corridor and the Main West/ Broken Hill Rail Line, intersect at Parkes. Investment in Inland Rail will not only allow for a more direct rail freight connection between Melbourne and Brisbane, but also has the potential to change how freight moves through and beyond the region.

Current growth estimates indicate that as a result of Inland Rail, the rail market share of Melbourne to Brisbane inter-capital freight will increase from 26 per cent to 62 per cent by 2050¹⁰. Furthermore, the anticipated mode shift to rail has the potential to improve road safety outcomes along the entire length of the corridor, with up to 15 fewer serious injury crashes per year.¹¹

Inland Rail alone may not induce additional freight demand from producers in the region, however, coupled with the proposed rail and intermodal improvements, producers and industry within the region will see improved connections to major ports and population centres in the coming years.

The Newell Highway provides a similar north-south function between Brisbane and Melbourne. It intersects with a number of east-west corridors in the region including the Great Western and Golden Highways, providing access to the east coast across the Great Dividing Range.

Improved access across the Great Dividing Range is important. This is true not only from a freight perspective, but also in improving access for people when travelling to and from the region. Transport for NSW is planning for the upgrade of the Great Western Highway between Katoomba and Lithgow, which will improve safety and access for freight vehicles to and from the region. This will complement investment in the Golden Highway and existing investigations into improved access to Greater Sydney, the Hunter and Illawarra-Shoalhaven.

Improving access on the Great Western Highway may also open up opportunities for freight access to Western Sydney International (Nancy-Bird Walton) Airport. The new airport site is located on the western edge of Greater Sydney, making it more accessible to the Central West and Orana. Coupled with the proposed curfew free, 24 hour a day operations, the new airport may open up new opportunities for exports when it opens in 2026. Transport for NSW will also investigate improved connections from the region to Canberra, where freight producers can access Canberra Airport which similarly operates without curfew.

¹⁰ Australian Rail Track Corporation 2019, The Case for Inland Rail, <https://inlandrail.artc.com.au/the-case-for-inland-rail/>

¹¹ Australian Rail Track Corporation 2019, The Case for Inland Rail, <https://inlandrail.artc.com.au/the-case-for-inland-rail/>

Transport for NSW will also draw on insight and information from initiatives such as the Great Western Highway upgrade and the NSW Fast Rail Strategy in investigating improved freight connections within and beyond the region. Additionally, investigations will be informed by feasibility studies into the potential reactivation of rail corridors such as Blayney to Demondrille, Kandos to Gulgong and Gulgong to Maryvale Rail Lines to provide a multi-modal solution for all customers.

Finally, Transport for NSW will also investigate a fuel pipeline between the Port of Newcastle and the Central West and Orana via the Hunter. This project could provide a cost-effective, safe and reliable fuel supply alternative to road transport for important agricultural and mining industries, and regional customers. It could also be used to supply alternative fuels in the future.



Rail viaduct near Lithgow NSW

Objective 16 – First-and-last mile barriers and land use conflicts are resolved to support successful places

First-and-last-mile access for freight on the local road network is vital to support the economic viability of communities and businesses across the Central West and Orana. Network access and servicing constraints are often barriers that inhibit freight productivity and can impact the sustained success of regional centres, towns and villages. Transport for NSW will work collaboratively with DPIE and local government to ensure that existing and future significant places are supported with appropriate first-and-last-mile solutions to maximise freight connectivity.

Finally, Transport for NSW will work collaboratively with DPIE and local government to ensure key road and rail freight corridors across the Central West and Orana are protected from incompatible land uses.



3.2.6 Resilient

Disruption of the transport network impacts connectivity and generates associated social and economic issues for regional communities and businesses. Network disruption takes many forms whether it be a planned disruption like a special event or network maintenance, or an unplanned disruption like an emergency, incident or extreme weather event.

While planned disruptions are anticipated and prepared for in advance of the event, unplanned disruptions require a dynamic response that happens in real-time. By building more resilience into the transport network, it becomes better equipped to successfully manage disruptions and minimises the impact on regional communities and businesses.

Through the following objectives, this Plan will seek to improve the resilience of the network to planned and unplanned disruptions:

- ▶ **Objective 17** – Deliver a resilient transport network that effectively responds to the unique challenges of the region
- ▶ **Objective 18** – Utilise technology to deliver real-time information to our customers



Objective 17 – Deliver a resilient transport network that effectively responds to the unique challenges of the region

The Central West and Orana experiences a high degree of weather variability. Under existing conditions, parts of the transport network annually experience both high and low temperatures (including snow and ice).

Extreme temperature events can place transport assets under considerable stress. With longer periods of extreme temperatures likely in the future due to climate change, all transport assets will need to accommodate resilience to extreme weather events in order to limit delays to the network.

Damage to transport infrastructure results in the isolation of communities who rely on connectivity with larger towns for essential services. The flooding of the Newell Highway between West Wyalong and Forbes in 2016 resulted in the closure of the highway for six weeks as well as damage and disruption to the transport system. Upgrades to the Newell Highway are currently being undertaken to improve flood immunity along the corridor. It is critical that transport infrastructure and services are able to withstand and respond to future extreme weather events.

Although more predictable, seasonal demands can also be disruptive to the transport network. Across the Central West and Orana, seasonal disruption is usually driven by visitation during long weekends, school holidays and major events like the Bathurst 1000.

Understanding when these disruptions are likely to occur enables us to plan ahead to minimise the disruption to local businesses and communities, while giving visitors a better travel experience.

Transport for NSW will continue to implement lessons learnt from past events and disruptions to enhance network resilience, and support improved customer outcomes.



Objective 18 - Utilise technology to deliver real-time information to our customers

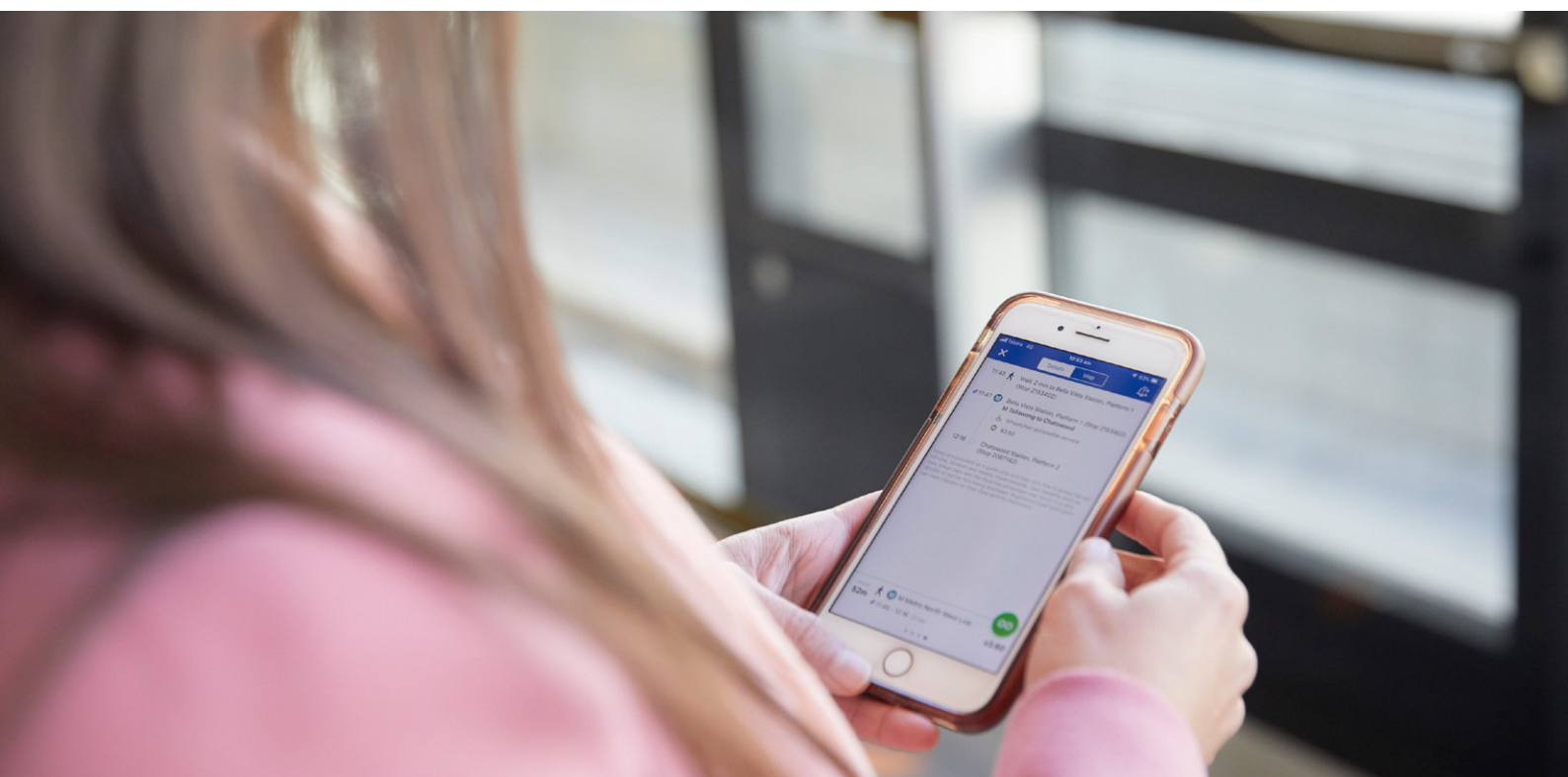
Innovation and new technologies have the potential to provide new tools and opportunities to benefit responders, decision-makers and the community in understanding and responding to network disruptions.

Early communication can help to keep the community safe, reduce risk to life and property and reduce the likelihood of conflict with emergency responders. For natural disasters like bushfires and floods, early communication can provide customers the opportunity to evacuate to safety before being cut-off or isolated.

In the Central West and Orana, this could include initiatives like using intelligent sensors and video analytics to provide road incident alerts and inform our customers of changes to their journeys as they happen in real time. For network and service managers, intelligent sensors deliver real-time operational insights to inform planning, operation and management. Transport for NSW will also look to further expand the network of variable message signs in the region to increase opportunities for 'real-time' messaging.

Monitoring network assets using drones and CCTV can also improve situational awareness for daily operations and management, minimise disruption impacts and deliver more reliable journeys.

Over the next 20 years, Transport for NSW will continue to investigate new ways in which technology can be used to enable customers to make informed decisions in real time, and respond to planned and unplanned events.



CHAPTER

4

Initiatives

Initiatives

This Plan identifies 66 initiatives required to deliver the regional transport vision for the Central West and Orana over the next 20 years. While some initiatives are already in the delivery or planning phases, new initiatives will require further investigation to determine feasibility, as well as ensure what is progressed for funding is aligned with the regional transport vision and delivers value for money for the people of NSW.

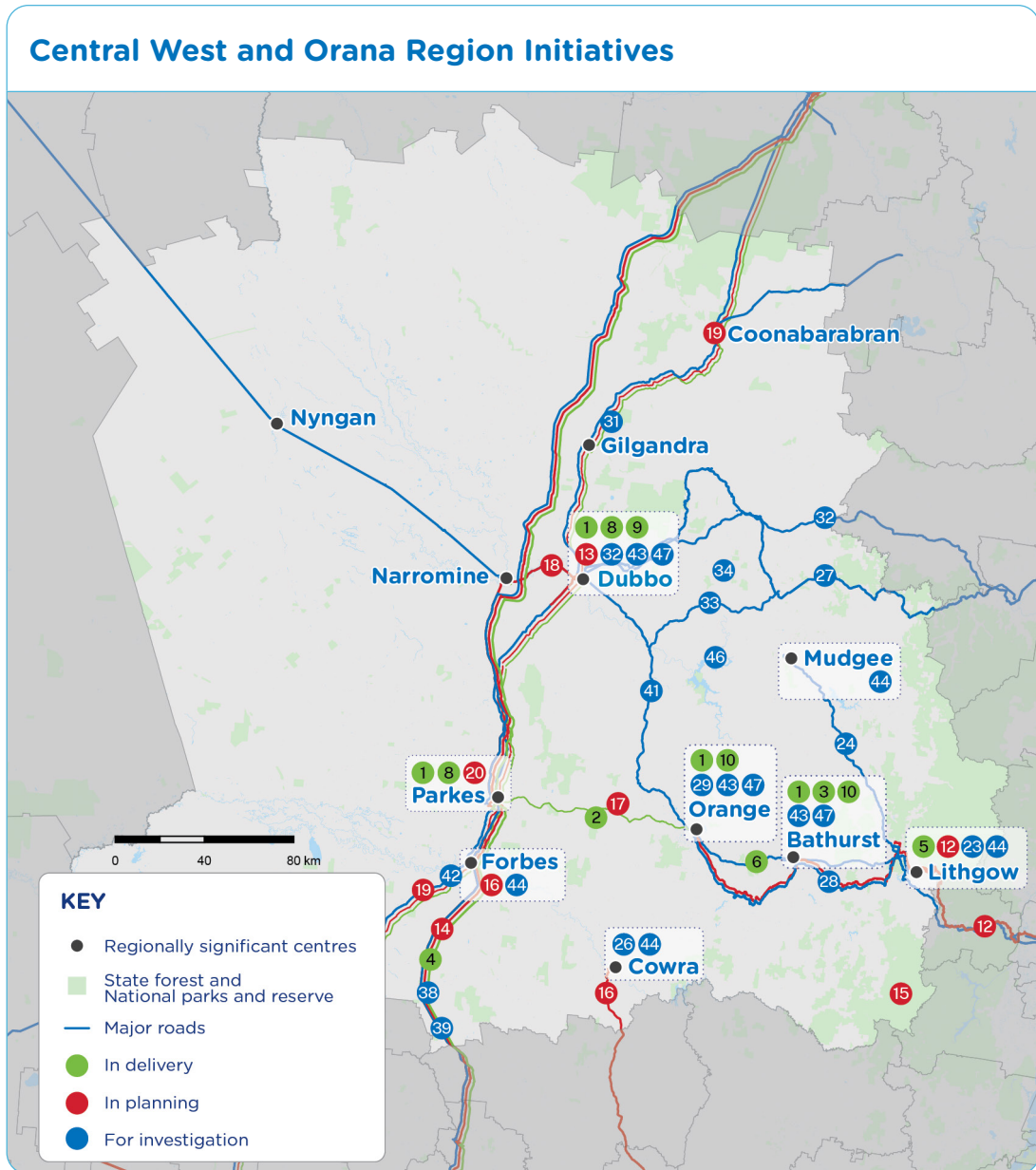
Transport for NSW will aim to commence investigations for all new initiatives listed in this Plan within the next 10 years to ensure that essential services and infrastructure are proactively delivered to meet anticipated changes in land use, population and travel demand across the region.

Transport for NSW has split the identified initiatives into three distinct categories – own, collaborate and influence. Initiatives that fall into the ‘own’ category are those that will be led by Transport for NSW while initiatives that fall into the ‘collaborate’ category acknowledge the need for a partnership with other State Agencies, local government, industry and/or community to commence the initiative. Finally, initiatives that fall into the ‘influence’ category, although not led by Transport for NSW, provide an opportunity to support delivery of the regional transport vision through influencing the outcome.

The following sections summarise the key initiatives by project phase (i.e. in delivery, in planning, for investigation) and by responsibility.



Figure 18: Central West and Orana Region Initiatives



4.1 In Delivery

Timeframe	Item	Initiative	Vision Theme	Responsibility
	1	16 Regional Cities Bus Services Improvement Program - Bathurst, Orange, Dubbo and Parkes	Connected, Adaptive and Sustainable	Own
	2	Escort Way and Henry Parkes Way - Safety Improvements between Parkes and Orange	Connected, Productive, Safe	Own
	3	Great Western Highway - Kelso to Raglan Upgrade	Connected, Productive, Safe	Own
	4	Inland Rail (Federal)	Productive	Collaborate
	5	Mariyung New Intercity Fleet (Lithgow to Sydney)	Connected, Liveable	Own
	6	Mitchell Highway - Corridor Improvements between Bathurst and Orange	Connected, Productive, Safe	Own
	7	New Regional Rail Fleet	Connected, Liveable	Own
	8	Newell Highway Upgrades: <ul style="list-style-type: none"> › Overtaking Lanes › Parkes Bypass › Audio tactile line marking › New Dubbo Bridge and Newell Highway/Mitchell Highway Intersection 	Productive, Safe	Own
	9	Regional Rail Mindyarra Maintenance Facility - Dubbo	Liveable	Own
	10	Transport Connected Bus Program - Phase 2 <ul style="list-style-type: none"> › Bathurst › Orange 	Liveable	Own
	11	Upgrade to Main West (rail) Line	Productive	Own

4.2 In Planning

Timeframe	Item	Initiative	Vision Theme	Responsibility
Delivery to commence in 0-3 years	12	Great Western Highway Upgrade Program - Katoomba to Lithgow	Connected, Productive, Safe	Own
	13	Transport Access Program (TAP) upgrades - Dubbo Railway Station	Liveable	Own
Delivery yet to be determined	14	Inland Rail - Grade Separating Road Interfaces	Productive, Safe	Collaborate
	15	Jenolan Caves Precinct Plan	Liveable, Resilient, Safe	Collaborate
	16	Lachlan Valley Way: <ul style="list-style-type: none"> › Improvements through Forbes including Forbes Iron Bridge › safety and resilience improvements between Cowra and the Hume Highway 	Connected, Productive, Safe	Own
	17	Mandagery Creek Bridge, Manildra replacement	Connected, Productive, Safe	Own
	18	Mitchell Highway widening and overtaking lanes - Dubbo to Narromine	Connected, Productive, Safe	Own
	19	Newell Highway Upgrades: <ul style="list-style-type: none"> › Coonabarabran Bypass › Flood Immunity Works West Wyalong to Forbes 	Productive, Safe, Liveable, Resilient	Own
	20	Parkes Special Activation Precinct Enabling Works	Productive, Liveable	Influence

4.3 For Investigation

Timeframe	Item	Initiative	Vision Theme	Responsibility
0-10 years	21	Additional opportunities for 'request stop' rail stations	Connected, Liveable	Own
	22	Aviation services to support hub and spoke connectivity (including public transport access to airports)	Connected	Influence
	23	Bells Line of Road overtaking lanes and safety improvement works	Connected, Productive, Safe	Own
	24	Castlereagh Highway - Mudgee to Lithgow safety and resilience improvements	Connected, Productive, Safe	Own
	25	Central West and Orana Regional Freight Blueprint	Productive	Collaborate
	26	Cowra Lines (Blayney to Demondrille) concept design and investigation works	Productive	Own
	27	Dubbo to Newcastle passenger rail connection	Connected, Adaptive and Sustainable	Own
	28	Electrification of the rail corridor between Lithgow and Bathurst	Adaptive and Sustainable	Own
	29	Extending Bathurst Bullet to Orange	Connected, Adaptive and Sustainable	Own
	30	Fast Rail Improvements - Sydney to Central West	Connected, Liveable	Own
	31	Gilgandra Heavy Vehicle Bypass	Productive, Safe	Collaborate

Timeframe	Item	Initiative	Vision Theme	Responsibility
	32	Golden Highway safety and reliability improvements	Connected, Productive, Safe	Own
	33	Gulgong to Maryvale Rail Line	Productive, Connected	Own
	34	Hunter Orana Fuel Pipeline	Productive, Adaptive and Sustainable	Own
	35	Identify opportunities to implement 30km/h Speed Zones	Liveable, Safe	Collaborate
	36	Identify opportunities to repurpose redundant road and rail assets	Liveable	Collaborate
	37	Identify opportunities to support tourism within the region	Liveable	Collaborate
	38	Inland Rail - Additional or Improved Intermodal Facilities	Productive	Collaborate
	39	Inland Rail passenger rail opportunities	Connected	Own
	40	Improved multimodal connectivity to the Global Gateways of Greater Sydney, Greater Newcastle and Canberra	Connected, Liveable, Safe	Collaborate
	41	Mitchell Highway improvements west of Orange	Connected, Productive, Safe	Own
	42	Newell Highway: <ul style="list-style-type: none"> › additional improvements to support Inland Rail › additional flood immunity 	Connected, Productive, Safe	Collaborate

Timeframe	Item	Initiative	Vision Theme	Responsibility
	43	Place-based Transport Plans for Bathurst, Orange and Dubbo	Liveable	Collaborate
	44	Public transport service improvements within Cowra, Mudgee, Lithgow and Forbes	Adaptive and Sustainable, Connected, Liveable	Own
	45	Public transport services improvements to and between regional hubs: <ul style="list-style-type: none"> › day return services for towns and villages to their nearest hub › commuter style services between hubs (e.g. Parkes/Forbes; Lithgow/Bathurst/Orange) 	Adaptive and Sustainable, Connected, Liveable	Own
	46	Road corridor improvements between Mudgee and Dubbo	Connected, Safe, Productive	Collaborate
	47	Work with local government to expand cycling networks for Bathurst, Dubbo and Orange	Adaptive and Sustainable, Connected, Liveable	Collaborate

4.4 For Investigation: Cross-Regional

Timeframe	Item	Initiative	Vision Theme	Responsibility
0-10 years	48	Encourage local government to necessitate all new developments include provision of secure bicycle parking and end-of-trip facilities	Adaptive and Sustainable, Liveable	Influence
	49	Encourage local government to transition their fleet to electric or hybrid passenger vehicles	Adaptive and Sustainable	Influence
	50	Expand access to 'real-time' network information to support informed decision making for our customers	Liveable	Collaborate
	51	Ensure rest stops are provided at intervals consistent with Austroads Guidelines across the region	Productive, Safe	Own
	52	Identify opportunities for drone usage for last mile parcel delivery	Productive, Adaptive and Sustainable	Collaborate
	53	Identify opportunities for eVTOL usage for intra region passenger connectivity	Connected, Liveable	Collaborate
	54	Identify opportunities for where technology can support improved network resilience	Resilient	Own
	55	Identify opportunities to safely accommodate micro-mobility options	Adaptive and Sustainable, Liveable, Safe	Own

Timeframe	Item	Initiative	Vision Theme	Responsibility
	56	Transition Transport for NSW passenger fleet to 70% low emission vehicles and 20% battery electric or hydrogen fuel cell vehicles by 2025	Adaptive and Sustainable	Own
	57	Transition Transport for NSW bus fleet to 100% zero emission buses (ZEB)	Adaptive and Sustainable	Own
	58	Work with community transport service providers to identify opportunities for integration with timetabled services	Adaptive, Connected, Liveable	Own
	59	Work with DPIE and industry to develop an EV Fast Charging Network	Adaptive and Sustainable	Collaborate
	60	Work with local government and DPIE to protect key freight corridors from incompatible land uses	Liveable, Productive	Influence
	61	Work with local government and industry to support provision of appropriate off-street loading facilities	Liveable, Productive	Influence
	62	Work with local government, DPIE and industry to ensure regionally significant growth areas supporting walking and cycle-friendly neighbourhoods	Connected, Adaptive and Sustainable, Safe	Collaborate
	63	Work with local government, DPIE and industry to ensure significant places are supported with appropriate first and last mile freight solutions	Liveable, Productive	Collaborate

Timeframe	Item	Initiative	Vision Theme	Responsibility
	64	Work with major event organisers to facilitate public transport services to, from and between events	Connected, Liveable, Adaptive and Sustainable	Collaborate
	65	Work with NSW Department of Education, Catholic Schools NSW and local government to address barriers to walking and cycling to school	Adaptive and Sustainable, Safe	Collaborate
	66	Work with NSW Health to identify opportunities to improve transport for medical services	Connected, Liveable	Collaborate





Central West and Orana Regional Transport Plan

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Attachment 2

Submission by Warrumbungle Shire Council to the Draft Central West and Orana Regional Transport Plan as Resolved by Council on 17 March 2022

Council would like to express its appreciation to Transport for NSW staff for actively engaging with Council and presenting to Councillors and senior staff on 10 February 2022.

Council is generally supportive of the Draft Plan and would like to make the following comments:

Page	Chapter	Issue	Council Comment	Outcome Sought
19	2.1.5	<i>The REZ may provide a catalyst for local change and could allow the region to see some of the benefits from the REZ realised in the transport sector.</i>	What are some of the local benefits of the REZ that are anticipated?	That the report identify and articulate what the benefits of the REZ might be for local communities.
31	3.2.1	<i>Day return services offer options for same-day connectivity to the nearest regional centre by public transport.</i>	The timetabling of bus services especially for health appointments is less than desirable. For example, the service from Coonabarabran arrives in Dubbo at 12 and departs at 2pm. There is an over-reliance on volunteers to provide transport services and these volunteers are ageing.	That timetables for same day services are designed to be flexible and allow Warrumbungle residents the ability to access health and other services in Dubbo. That flexible and on-demand services are provided that reduce the demand on volunteers.
46	3.2.3	<i>Transport for NSW will work with NSW Health and industry representatives to identify additional transport opportunities to connect patients with critical medical appointments across the region.</i>	Council supports this initiative.	That council is consulted on these opportunities once identified.
59	3.2.5	<i>Finally, to continue the efficient transportation of freight across the Central West and Orana, Transport for NSW will work with local government and industry partners to develop a Freight Blueprint for the region. This will include investigating</i>	Council supports the development of a Freight Blueprint.	That the Freight Blueprint takes into consideration the "first and last mile". That the Freight Blueprint

Attachment 2

Page	Chapter	Issue	Council Comment	Outcome Sought
		<i>opportunities to expand the HPV network across the region, and working collaboratively to address conflict between heavy vehicles and local communities in urban centres.</i>		includes access to Inland Rail. That the Freight Blueprint takes into account heavy vehicle bypass improvements and bridge height restrictions for example in Coolah. That council is engaged in the development of the Freight Blueprint.
70	4.2	<i>Newell Highway Upgrades – Coonabarabran bypass</i>	Council supports the development of the Coonabarabran bypass.	That funding is allocated for the final design and construction of the bypass and that council is engaged and consulted during this process.
73	4.3	<i>Public transport services improvements to and between regional hubs – day return services for towns and villages to their nearest hub</i>	Council supports this initiative.	That timetabling of services are flexible enough to enable reasonable and practical access to health and other services in the nearest hub.
76	4.4	<i>Work with NSW Health to identify opportunities to improve transport for medical services.</i>	Council supports this initiative.	That council is consulted on these opportunities once identified.

Warrumbungle Shire Council Improvement Plan

No	Location	Process step	Category	Action	ADWG No.	ADWG Element	Source	Haz ID / Source number	Date added	Priority	Action Owner	Date reviewed	Due date (revised)	Due date notes	Status	Comments	Comments 29/08/18	Comments 27/6/19 & 30/7/2019 & 27/8/2019; 27/09/2019; 13/12/19; 28/2/20; 24/04/2020; 24/7/20;	Short term actions	Resource requirements
1	All	Documentation / Protocol	Documentation / Protocol	Gain formal endorsement and support of the policy from senior executive, including ensuring that organisation activities support effective water quality management such as providing appropriate staffing, financial and training resources and reporting performance to the board or chief executive.	1.1	Drinking Water Quality Policy			Mar-2015	High	Manager Warrumbungle Water	30-Jul-19			Complete	Submitted report to DTS for discussion at MANEX on 1/04/2016, again on 18/05/2016 and again on 22/08/16.	Report to Council - need updating - to adopt DWMS; living document (constantly being updated); going to be in Public Health Act Oct 2018 (Ingo sent email to GMs)	Policy has been developed and was endorsed March 2019		
2	All	Training	Training	Develop and implement a staff awareness program for the DWMS and make the DWMS visible to all employees.	1.1	Drinking Water Quality Policy			Mar-2015	High	Manager Warrumbungle Water; Technical Officer	01-Mar-15			Complete	Hardcopies distributed to DTS; Manager WW – Operational; Manager WW – Special Projects; Technical Officer; Supervisors South (Coolah/Dunedoo), Treatment Plants North (Coonabarabran, Bugaldie, Kenebri), Mains North (Coonabarabran), Baradine, Binnaway, Mendooran . For future review versions: Manager WW – Special Projects to inform Technical Officer who is to distribute copies and keep record of this(under comments section in the spread sheets).				
3	Mendooran	Documentation / Protocol	Documentation / Protocol	That WSC prepare and formally adopts a "Drinking Water Quality Policy" and this policy is then "highly visible, continually communicated, understood and implemented by employees and contractors of the organisation".	1.1	Drinking Water Quality Policy	Mendooran Boil Water Alert 2017	MBWA2017	2017	High	Manager Warrumbungle Water; Project Officer	27-Jun-19			Complete		A Drinking Water Quality Policy is in preparation	Policy has been developed and was endorsed March 2019		
4	All	Documentation / Protocol	Documentation / Protocol	Develop, document and implement a process for reviewing formal requirements every 12 months or where there are any changes to Council's activities or formal requirements.	1.2	Regulatory and Formal Requirements			Sep-2015	Medium	Manager Warrumbungle Water	28-Feb-20	31-Mar-20		Closed			13/12/19: Consultant has provided proposal to review and update DWMS 28/2/20: Closed as included as part of action 334	To be included as part of DWMS review and update (action 334)	
5	All	Training	Training	Develop and implement a staff awareness program for relevant water quality obligations relating to their areas of responsibility.	1.2	Regulatory and Formal Requirements			Sep-2015	Medium	Manager Warrumbungle Water; Technical Officer	30-Jul-21	20-Dec-21	implement WQ meetings	In progress			Quarterly review meeting to cover water quality obligations, alternate staff attendance at meetings. 28/2/20: To consider schedule of to re-implement water quality meetings 30/7/21: monthly all WW staff meetings held with relevant items brought up on agenda; fortnightly water quality summary circulated to relevant staff; DWMS being updated; WQ still to be re-implemented	Re-implement quarterly meetings (after finalisation of improvement plan). Process to be formalised in updated DWMS (Action 334)	
6	All	Training	Training	Formally document and communicate roles and responsibilities of staff relating to management of drinking water quality.	1.2	Regulatory and Formal Requirements			Sep-2015	Medium	Manager Warrumbungle Water	28-Feb-20	31-Mar-20		Closed			13/12/19: Consultant has provided proposal to review and update DWMS 28/2/20: Closed as included as part of action 334	How this is documented to be reviewed in updated DWMS (Action 334)	
7	All	Documentation / Protocol	Documentation / Protocol	Develop a regular review process to update the list of stakeholders. Ensure contact details are current and all relevant parties are involved in engagement processes.	1.3	Engaging Stakeholders			Sep-2016	Low	Manager Warrumbungle Water	28-Feb-20	31-Mar-20		Closed			13/12/19: Consultant has provided proposal to review and update DWMS 28/2/20: Closed as included as part of action 334	To be reviewed as part of DWMS review and update (action 334)	
8	All	Documentation / Protocol	Documentation / Protocol	Update stakeholder/relevant agencies list to comprehensively identify all stakeholders who could affect, or be affected by, decisions or activities of the drinking water supplier. Where possible, this list should also identify the accountabilities and responsibilities of relevant agencies in support of the water supplier. This list will be included in this DWMS (in the main body) and maintained as a separate document referenced in Appendix D. It is also recommended that the contact register be inserted on a separate page so that it may be easily printed and posted on workplace walls.	1.3	Engaging Stakeholders			Mar-2015	High	Supervisor Treatment	30-Jul-21	30-Sep-21	complete key suppliers	In progress	A draft ERP was developed by Bligh Tanner in collaboration with Council. Contact registers were developed for each scheme that now need to be completed (need input from operational staff).		Registers have been updated, further review still needed. Finalisation of ERP to be included as part of NSW Health project. ERP responsibility to be allocated, including setting review times 13/12/19: Confirmed that development of ERP is to be undertaken as part of Hunter H2O NSW Health project. 20/2/20 - Lists to be included in DWMS when updated 24/7/20: IRPs workshop held on 2/7, Bligh Tanner work to be provided to HH2O 24/3/21: CW to ask CN to add to her task list including finalisation (info from supervisor) + annual or six-monthly review/update 30/7/21: Supervisor Treatment to complete key supplier lists	Following finalisation of ERP, stakeholder lists to be included in DWMS	
9	All	Documentation / Protocol	Documentation / Protocol	Develop appropriate mechanisms for stakeholder commitment and involvement. Document the planned approach including partnership agreements or Memorandum of Understanding (MoU).	1.3	Engaging Stakeholders			Sep-2015	Medium	Manager Warrumbungle Water	28-Feb-20	31-Mar-20		Closed			13/12/19: Consultant has provided proposal to review and update DWMS 28/2/20: Closed as included as part of action 334	To be included as part of DWMS review and update (action 334)	
10	All	Documentation / Protocol	Documentation / Protocol	The water supply system analysis, including the flow charts and catchment characteristics, will be reviewed internally in 12 months, and upon any significant changes to any of the water supply systems. The review process and records of the outcomes of these reviews should be documented.	2.1	Water Supply System Analysis			Sep-2015	Medium	Manager Warrumbungle Water	30-Jul-19			Implemented			Flow chart reviewed as part of quarterly meeting. Flow charts updates in progress		
11	All	Operations	Operations	Enter all water quality monitoring data into electronic spreadsheets on a weekly basis. Allows for ease of data processing.	2.1	Water Supply System Analysis			Mar-2015	High	Technical Officer	30-Jul-19			Implemented	This being done by Council's Technical Officer.		All information is being entered electronically		
12	Mendooran	Reservoirs	Investigations	That WSC investigates options to reduce water age in the Coolabah rural residential estate water supply zone. This could include isolation of individual reservoirs i.e. Reservoirs No. 1, No. 2 and/or No. 3, on a seasonal basis to only store water volumes sufficient to meet peak day demands.	2.1	Water Supply System Analysis	Mendooran Boil Water Alert 2017	MBWA2017	2017	Medium	Supervisor South	22-Jan-19			Implemented		Included in S&S funding (R1)			
13	Binnaway	Backwashing	Operations	Perform regular testing of the following: - Filtered water turbidity immediately after a backwash - Wash water turbidity during a backwash - Filter headloss immediately after a backwash --> 24/11/20: no DP measurement device currently installed	2.1	Water Supply System Analysis	Hunter H2O Audit 2014	BWY009	2014	Medium	Supervisor Treatment	24-Nov-20	30/06/2021		Closed	Currently, water quality testing only occurs two hours after the backwash has completed. No testing is carried out on the filtered water after a backwash or wash water during the backwash sequence		Media replaced, reduced priority to medium. Covered by scoping study. Part of water treatment plant upgrades (FY19/20) 28/2/20: Consider online turbidity FY20/21 in advance of automation project 24/11/20: online NTU include under (A328 - Automation)		
14	All	Performance monitoring	Documentation / Protocol	The assessment of the water quality performance data should be reviewed every 12 months, and upon any significant changes to any of the water supply systems. Review will assess any seasonal trends, consistent exceedances or other potential water quality issues. The formal review process and records of the outcomes of these reviews should be documented.	2.2	Assessment of Water Quality Data			Sep-2015	Medium	Manager Warrumbungle Water	30-Jul-19			Implemented			Quarterly DWMS reviews undertaken Fortnightly review of CCP data (exceedance summaries), sent to Supervisors and Manager and reviewed in operations meeting. Monthly report to General Manager of CCP exceedances		
15	All	Performance monitoring	Monitoring	Develop a central electronic spreadsheet to record results of operational sampling and testing to allow these results to be easily reviewed and analysed.	2.2	Assessment of Water Quality Data			Mar-2015	High	Technical Officer	01-Mar-15			Complete	Operational data is entered by Technical Officer on a weekly basis.				
16	All	Performance monitoring	Monitoring	Council to include new operational data prior to review of the DWMS.	2.2	Assessment of Water Quality Data			Sep-2015	Medium	Manager Warrumbungle Water	27-Aug-19			Implemented			Water quality data reviewed as part of quarterly meeting and annual DWMS review report		
17	Coolah	Disinfection	Operations	Access to the safety shower/eye wash should remain unimpeded at all times. The safety shower eye/wash should be maintained in good working order. Breathing Apparatus should be immediately available on site but external to the chlorine room.	2.3	Hazard ID and Risk Assessment	DPI Inspections	DPI COH001	Jan-2019	High	Supervisor Treatment	24-Apr-20	13-Mar-20		Complete			Breathing apparatus to be included as part of FY19/20 (replace chlorine room). Tender to be developed. Checklist has been developed for safety showers/eyewash. 27/9/19: GR to get prices on eyewash/safety shower outside chlorine room; check with WHS officer re feasibility/recent audit 27/9/19: need info of equipment to be reused (alarms system + scales) + drone pictures (Coolah) 13/12/19: Breathing apparatus still to be made available. Project management resources - proposal has been sought 28/2/20: Eyewash not yet installed and breathing apparatus still to be made available. 24/4/20: Eyewash installed and breathing apparatus available.	Upgrade project also to include. Need info of equipment to be reused (alarms system + scales) + drone pictures (Coolah)	

No	Location	Process step	Category	Action	ADWG No.	ADWG Element	Source	Haz ID / Source number	Date added	Priority	Action Owner	Date reviewed	Due date (revised)	Due date notes	Status	Comments	Comments 29/08/18	Comments 27/6/19 & 30/7/2019 & 27/8/2019; 27/09/2019; 13/12/19; 28/2/20; 24/04/2020; 24/7/20;	Short term actions	Resource requirements
18	Mendoo ran	WTP	Minor works	A small leak in the main RPZ installation post service water pumps needs addressing for WHS reasons and because it is inundating an access pit for the backwash flow meter.	2.3	Hazard ID and Risk Assessment	DPI Inspections	DPI MEN006	Jan-2019	High	Supervisor South	27-Aug-19	28-Aug-19	completed as 27-9-19	Complete		The main operator for the plant was unavailable on the day of inspection so a follow up inspection is planned to review the plant operation. It was noted that back flow prevention valves have been installed to prevent the recurrence of chemical backflows to the clear water tank. A small leak in the main RPZ installation post service water pumps needs addressing for WHS reasons and because it is inundating an access pit for the backwash flow meter. The day log for water quality data showed the	Leak has been completed		
19	Mendoo ran	Service Water	Minor works	Repair service water system to supply water at pressure to the chemical dosing boards and safety showers. A backflow prevention valve should be installed post last connection for eyewash/safety showers to prevent this situation reoccurring. Council should satisfy themselves as to whether this should be a testable device. Consider running a service water line across to the laboratory for the purpose of treated water testing.	2.3	Hazard ID and Risk Assessment	DPI Inspections	DPI MEN009	Jan-2019	High	Supervisor South	27-Jun-19			Complete		The service water system at the water plant has not been functioning correctly since construction. The system is currently running off the town water supply which is not at a high enough pressure to efficiently run the eyewash/safety showers.	Service water system has been repaired. Testable backflow prevention valve has been installed (2018). Service water line to no longer considered necessary.		
20	All	Documentation / Protocol		The hazard identification and risk assessment should be internally reviewed 12 months. Every five years (or upon any significant changes to any of the water supply systems) Council should undertake a comprehensive review. The review process and records of the outcomes of these reviews should be documented.	2.3	Hazard Identification & Risk Assessment			Sep-2015	Medium	Manager Warumbungle Water	28-Feb-20		TBC	Closed			Review of risk assessment to be undertaken as part of NSW Health DWMS project risk assessment review 24/7/20: closed as included in new action A351		
21	Dunedoo	Disinfection	Minor works	Install the chlorine dosing pump on the existing wall mounted bracket	2.3	Hazard ID and Risk Assessment	Hunter H2O Audit 2014	DUN004	2014	Medium	Supervisor South	22-Jan-19			Complete		The chlorine dosing pump is currently sitting on a bucket and not firmly attached to an appropriate support bracket	Dosing pump has been mounted on the wall (late 2018)		
22	Coolah	Safety	Minor works	Relocate the safety shower/eyewash station to outside of the dosing room. The safety shower must be: - Located within 10 seconds reach of the hazard - Located on the same level as the hazard and free from obstructions The location and installation of the safety shower eyewash must comply with Australian Standard AS4775-2007 Designate an evacuation assembly point for the site. The assembly point is to be sign posted and discussed in contractor/personnel inductions to site. The assembly point is to take into account proximity of chlorine dosing facility. More than one assembly point may be needed (depending on wind direction, one may be more appropriate than the other)	2.3	Hazard ID and Risk Assessment	Hunter H2O Audit 2014	CLH009, CLH010	2014	Medium	Supervisor Treatment	24-Nov-20	6/03/2020		Complete		- The chlorine safety shower/eyewash station is currently located inside the chlorine dosing room. In the event of a chlorine leak, the unit would not be able to be used. This does not comply with Australian Standard AS4775-2007. - There is no designated evacuation assembly point for the site in the event of an emergency	Evacuation assembly point to be allocated and sign posted. 13/12/19: Still to confirm if eye wash station has been installed. Signs have been ordered (evacuation and meeting point) and waiting to be delivered. 28/2/20: Eyewash station has not been installed. Signs have not been delivered. 24/11/10: complete (incl. BA installation)	Signs to be installed following delivery Investigate portable eyewash station	
23	Baradine	Disinfection	Minor works	Ensure the dosing room has adequate ventilation and install a chlorine gas leak detector	2.3	Hazard ID and Risk Assessment	Hunter H2O Audit 2014	BAR008	2014	High	Supervisor Treatment	24-Jul-20	30/05/2020		Complete	The chlorine dosing room is well laid out, clean and kept in an excellent condition. However, there currently is not a chlorine gas leak detector installed	Alarm has been installed (incl. gas detector). Works still to be completed on chlorine room (FY19/20) 13/12/19: Dependent on outcomes of review of need for plant upgrade/replacement 28/2/20 Quotes to undertake work are being reviewed 24/7/20: completed			
24	BWY	Environmental	Minor works	- Redirect the drain flow from the soda ash/alum dosing room to the external alum bulk storage bund --> complete - Take measurements of the bund wall, the tank and determine the angle from the top of the tank to the bund wall and ensure the bund complies with Australian Standard AS3780 --> measurements taken, volume is sufficient however angle might not complete - Ensure the chlorine room ventilation complies with the requirements of Australian Standard AS2927 --> complete - Investigate if the forced ventilation fan needs to be larger to provide adequate ventilation --> complete	2.3	Hazard ID and Risk Assessment	Hunter H2O Audit 2014	BWY012, BWY013, BWY014	2014	High	Supervisor Treatment	30-Jul-21	30-Sep-21	check bunding compliance	In progress		- Any spilled chemical in the soda ash dosing and storage area can potentially drain to the stormwater drainage system - The alum bulk storage bunding area may potentially not comply with Australian Standard AS with regard to appropriate angle from the top of the storage tank to the top of the bund wall - There is limited ventilation in the chlorine dosing room which is a potential safety hazard	Investigation still needed To be included in treatment plant upgrades Chlorine room items covered under action 329 13/12/19: Have received quotes, sizing to be confirmed. HunterH2O audit to be undertaken next week, HunterH2O to confirm requirements 28/2/20- see update action 23 24/7/20: chlorine room items addressed (see also action 23); soda ash/alum bunding outstanding 24/11/20: soda ash/alum bunding still required 24/3/21: need to put a sump in dosing room, put sump in and redirect to bunding or to future fluoride room when the chemical tank for it gets installed; compliance with AS3780 for bunding still to be confirmed 30/7/21: compliance with AS3780 still to be confirmed (assing to TL Treatment Nth); in case of non-compliance a self-bunding tank would need to be purchased, which could be covered under future funded upgrade works		
25	Coonabarabran	Lime dosing	Minor works	Ensure safety covers are installed that adequately cover all moving parts	2.3	Hazard ID and Risk Assessment	Hunter H2O Audit 2014	COO010	2014	High	Supervisor North	27-Jun-19	31/12/2019	27/09/2019; were off at time of audit	Complete	Some equipment in the lime dosing room does not have appropriate covers that cover moving parts. This is a hazard for personnel injuring fingers etc.	Include in WTP upgrades FY19/20	To be included as treatment plant upgrades		

No	Location	Process step	Category	Action	ADWG No.	ADWG Element	Source	Haz ID / Source number	Date added	Priority	Action Owner	Date reviewed	Due date (revised)	Due date notes	Status	Comments	Comments 29/08/18	Comments 27/6/19 & 30/7/2019 & 27/8/2019; 27/09/2019; 13/12/19; 28/2/20; 24/04/2020; 24/7/20; 24/11/20	Short term actions	Resource requirements	
26	CLH	Disinfection	Minor works	Organise for chains to be installed to secure the cylinders in place and reduce the risk of the cylinders falling over Investigate ventilation requirements as outlined in Australian Standard AS2927. Implement ventilation modification if required to comply with the Australian Standard. This may be achieved through improved forced ventilation or modification to the vents for cross ventilation Chlorine gas is an oxidising agent and sources of fuel should not be stored in the same room. Items stored on the ground in the room poses a trip hazard and should be removed or store in a more tidy manner.	2.3	Hazard ID and Risk Assessment	Hunter H2O Audit 2014	CLH006, CLH007, CLH008	2014	High	Project Engineer	30-Jul-21	31-Dec-21		In progress	The chlorine gas cylinders are currently not stored in a secure manner. Gas cylinders should be stored securely on the site to reduce the risk of damage to the cylinder or other equipment dosing lines should a cylinder topple over. There is currently no forced ventilation in the chlorine dosing room. Redundant equipment and boxes are contained in the chlorine dosing room		Chains have been installed All other items to be addressed FY19/20 (replace chlorine room). Tender to be developed. 27/9/19 & 13/12/19: need info of equipment to be reused (alarmed system + scales) + drone pictures (Coolah) 24/4/20: Cylinders have chains so can be secured 24/7/20: outstanding only is chlorine room upgrade 24/11/20: as above 24/3/21: AM reviewing previously prepared Tech Specs to be able to call RFQs 30/7/21: Project Engineer sent out and receive back RFQs, however insufficient budget - BP report to August 2021 meeting			
27	Mendoo	Reservoir Hypochlorite	Minor works	Cover and secure the dosing line and dosing point at the reservoir. Install a chemical bund in the hypochlorite dosing room. Consider constructing a bunded fill point for the delivery vehicle	2.3	Hazard ID and Risk Assessment	Hunter H2O Audit 2014	MEN014, MEN015	2014	High	Supervisor South	27-Jun-19			Complete	The sodium hypochlorite dosing line and dosing point is: Exposed and unsecured. There is the potential for damage for damage, contamination or vandalism Not currently bunded. Any chemical leaks/spills will be unable to be contained		Dosing line now in a covered pit. Tank is self bunded.			
28	BAR, CBN	Safety	Operations	Organise routine tagging of portable electrical equipment to reduce safety risks	2.3	Hazard ID and Risk Assessment	Hunter H2O Audit 2014	BAR014, COO015	2014	High	Supervisor Treatment; Director Environment Services	24-Apr-20	31/03/2020		Implemented	No schedule for electrical equipment tagging is currently in place		Manger sent email WHS representative - waiting for reply. 13/12/19: Baradine tagging has been complete. CBN still to be done 28/2/20: CBN still to be done. All depots have been done. Electrician to be engaged for CBN. 24/4/20: Electrician has been engaged	WHS representative to table at next committee meeting. Organise tagging for CBN Director to raise at senior level for issue across Council.		
29	Bugaldie	Safety	Minor works	Re-route the dosing line to reduce the risk of chemical contact in the event of a leak in the dosing line. Remove redundant materials from the site shed and maintain housekeeping	2.3	Hazard ID and Risk Assessment	Hunter H2O Audit 2014	BUG007, BUG09	2014	High	Supervisor North	30-Jul-19	31/07/2019		Complete	The hypo dosing line runs across the top of the ceiling. This increases the chance of operator contact with the solution should a leak occur in the line The site shed contains material and objects that is untidy and can present a trip hazard		Line has been moved and shed housekeeping has been complete			
30	Mendoo	Safety	R&D	Investigate methods to maintain a higher pressure in the eyewash station water line. This may include: Booster pump Constance pressure valve	2.3	Hazard ID and Risk Assessment	Hunter H2O Audit 2014	MEN010	2014	High	Supervisor South	27-Jun-19			Complete	The eyewash station experiences low pressure.		No longer an issue following change from town water to service water			
31	Dunedo	Safety	Minor works	Ensure that open pits have appropriate handrailing/fencing/bollards installed around the pit perimeter Ensure confined spaces have appropriate signage installed Remove redundant material from the site shed and ensure it is kept tidy and de-cluttered Remove redundant signage from the site relating to chlorine gas and install signage appropriate to hypochlorite Routinely (weekly) test operate the safety shower to flush the line and ensure that it is operating reliably. Test and monitor the safety shower water temperature to ensure that it complies with the appropriate Australian Standard. Tidy switch room and either dispose of redundant equipment or store at the council depot. Cover and lock the below ground access to the decommissioned bore.	2.3	Hazard ID and Risk Assessment	Hunter H2O Audit 2014	DUN011, DUN012, DUN013	2014	High	Supervisor South	27-Jun-19			Closed	There are various safety hazards on site relating to the following issues: Valve pits Confined spaces Housekeeping Signage The safety shower is located outdoors and in an area exposed to sunlight		Open pits have been covered. Consultant to be engaged to develop Confined Space register. Site has been tidied and redundant equipment removed. Hypochlorite signage has been added, gas signage removed. Decommissioned bore has been covered and locked Action closed, with outstanding items covered by action 336 and 337	Safety showers to be regularly tested (covered under action 336) Confined spaces to have appropriate signage (action 337)		
32	Kenebri	Safety	Minor works	Ensure the water tank support structure integrity is inspected and repair as required Remove redundant materials from the site shed and maintain housekeeping Install signage on the access gate and chlorine dosing room indicating that hypochlorite is stored and in use Install a fire extinguisher on site and appropriate signage, including a contact list in case of an incident or emergency	2.3	Hazard ID and Risk Assessment	Hunter H2O Audit 2014	KEN008	2014	High	Supervisor Treatment	24-Jul-20	30/06/2020		Complete	There are several site hazards that need to be controlled to reduce the potential for injury to personnel		New reservoir to be established on the ground. Current system to be demolished and decommissioned. 13/12/19: New reservoir is in place. Demolition of old reservoir being arranged 28/2/20: Getting quotes for removal of old reservoir. Signage is being organised. Fire extinguisher to be installed and added to schedule to inspect (Property Officer) 24/4/20: Signs ordered for all sites, hazmat tubes to be installed. Fire extinguishers planned to be installed in May 24/7/20: old reservoir demolished; shed repaired; signage & HAZMAT info installed; fire extinguisher installed (as well as BUG) with 6-monthly service this month			
33	BUG, KEN	Safety	Minor works	Ensure the plant has an eyewash station or kit should an incident occur with the hypochlorite dosing system.	2.3	Hazard ID and Risk Assessment	Hunter H2O Audit 2014	KEN009, BUG011	2014	High	Supervisor North	13-Dec-19	31/10/2019 was 30/9/19		Complete	There is no safety shower on site		Currently investigating all shower / eye washes (North) 13/12/19: Portable eyewash station has been purchased			
34	Bugaldie	Safety	Minor works	Ensure the water tank support structure integrity is checked and repaired as required Install a fall arrest or ladder cage to reduce the chance of a fall when accessing the reservoir Install a lockable cover at the base of the ladder to prevent unauthorised access Install a handrail around the tank platform	2.3	Hazard ID and Risk Assessment	Hunter H2O Audit 2014	BUG008	2014	High	Supervisor Treatment	24-Jul-20	30/06/2021		Closed	The reservoir ladder and support structure does not contain any of the following: Fall arrest system Cage Lockable cover Handrail around the outside edge These risks made higher given the fact that the site is easily accessible to the public		Structural integrity to be investigated further. Rest of action covered by action 333 WHS access upgrades (does not include structural integrity of support structure) 27/9/19: ladder is off the ground -> manproof fence? WEARS looked at tank stand integrity 13/12/19: Still to be investigated 28/2/20: Consider replacement of tank with onground reservoir with pump and back-up generator to remove working at height risk. Consider as part of risk assessment 24/7/20: do similar set-up to KBI - approx. \$20k; quote for fencing received; closed as included in new action A352	Consider as part of reservoir upgrade program.		
35	BAR, DUN, KEN	Security		Ensure facility is securely locked, public access is prevented and all access ways are secured when the operators are not onsite	2.3	Hazard ID and Risk Assessment	Hunter H2O Audit 2014	BAR011, DUN010, KEN007	2014	High	Supervisor North; Supervisor South	30-Jul-19			Complete	The facility has poor security, is sometimes left unlocked with unattended and/or is easily accessible once inside the compound		All sites are locked, electronic keys have been installed for all sites.			
36	Mendoo	Security	Minor works	Install a lockable door and ensure access to the treated water tanks and/or pumps are secured and locked to reduce risk of damage	2.3	Hazard ID and Risk Assessment	Hunter H2O Audit 2014	MEN011, MEN012	2014	High	Supervisor South	27-Jun-19			Complete	Critical equipment is currently exposed/unsecured		Completed April 2019			
37	BWY, BUG, CLH, MDN, KBI	Signage	Minor works	Install signage on the front entrance to indicate Plant contact details and hazardous materials are stored on site. Install appropriate signage displayed that indicates the following information: Chemical contained within the room Chemical UN no. Chemical category/classification with appropriate symbol Install a fire extinguisher with appropriate signage on site and include an emergency contact list in case of an incident or emergency	2.3	Hazard ID and Risk Assessment	Hunter H2O Audit 2014	BIN008, BIN015, BIN016, BUG010, COH011, MEN013	2014	High	Supervisor Treatment; Technical officer	24-Jul-20	31/03/2020		Complete	Insufficient signage on site entrance and/or chemical dosing and storage rooms The front entrance gate currently has no signs installed indicating that there are hazardous materials stored on site There is insufficient signage on the alum and soda ash chemical storage and dosing facilities		MND, CLH entrances have signage; 27/9/19: SS not heard from supervisors; GR to advise on BWY; added KBI; BUG/KBI have liquid chlorine only; HAZCHEM signs at most places (BUG/KBI) + need SDS on site in folders (AM will do himself next week) 28/2/2020: HAZCHEM signs installations are being installed. Fire extinguishers to be arranged. 24/4/20: Fire extinguishers planned to be installed in May. All have HAZCHEM boxes, signs are been ordered. 24/7/20: complete			
38	Mendoo	Catchment & Abstraction	Investigations	Continue to investigate sanitary quality and security of back-up bores aquifer.	3.1	Preventive Measures and Multiple Barriers	CWT report May-15		Jan-2015	Very High					Complete	(Section 4.1, p.6 of CWT report)					
39	All	Documentation / Protocol		The identification and evaluation of preventive measures should be internally reviewed 12 months. Every five years (or upon any significant changes to any of the water supply systems) Council should undertake a comprehensive review. The review should also consider whether existing control measures are being undertaken, their effectiveness and whether they are appropriately documented and formalised. The review process and records of the outcomes of these reviews should be documented.	3.1	Preventive Measures and Multiple Barriers			Sep-2016	Low	Manager Warrumbungle Water	24-Apr-20	31-Oct-20		Closed			Risk assessment review to be completed as part of NSW Health DWMS project (Hunter H2O) 24/4/20: As part of NSW Health project, commencing, dependent on COVID restrictions for initial site visits 24/7/20: closed as included in new action A351	Schedule to be reviewed as part of DWMS review and update (action 334)		
41	BIN, BUG, CBN, KEN	Catchment & Abstraction	Minor works	Timor Dam fence was damaged during the bushfires. Animal ingress is possible, fence to be replaced. Follow up with Council engineer the status of the fence replacement program. Some funding is available from insurance claim.	3.1	Preventive Measures and Multiple Barriers	Risk assessment	1.05	Mar-2015	High	Supervisor North	13-Dec-19	31-Dec-19		Complete	Walked fence line to assess extent of damage; Started re-erecting fence in some places; budget ran out in FY15/16?		Most of the fence has been repaired. Remaining repairs have been scheduled (December 2019, ID 25) 13/12/19: Fencing has been complete			
42	Coolah	Reservoirs	Investigations	It is recommended that Council assess the reservoir and determine whether the reservoir can be brought up to standard cost effectively. Some improvements were made to the roof/flashings several years ago but there remains significant security issues which would allow entry of birds and vermin into the reservoir. Assessment should evaluate whether the reservoir can be effectively bird/vermin proofed or whether the roof and roof structure need to be replaced. Part of this consideration will be accessibility for diving contractors, whether hatches meet current standards and how any level sensors/telemetry cables or other roof penetrations can be weather proofed. Hatches/entry points should extend a minimum of 100mm above the roof line to exclude stormwater and should be able to be locked to prevent unauthorised entry. As the reservoir is showing signs of leakage some consideration should also be given to structural soundness and whether the reservoir can be lined/waterproofed. A young tree growing immediately adjacent to the reservoir should be removed to prevent any potential damage by roots. Other trees in the immediate vicinity that could drop branches onto the roof should have branches removed that pose a foreseeable threat. This would also help to reduce potential contamination of the reservoir from leaf drop.	3.1	Preventive Measures and Multiple Barriers	DPI Inspections	DPI COH003	Jan-2019	High	Project Engineer	27-Aug-19	31-Oct-19		Complete				Entry hatches have been replaced (May 2019) Structural assessment has been undertaken. Integrity issues complete Tender to be prepared to undertake external concrete repairs. Reservoir to be replaced FY23/24	Tender to be prepared to undertake external concrete repairs.	

Martin St reservoir

No	Location	Process step	Category	Action	ADWG No.	ADWG Element	Source	Haz ID / Source number	Date added	Priority	Action Owner	Date reviewed	Due date (revised)	Due date notes	Status	Comments	Comments 29/08/18	Comments 27/6/19 & 30/7/2019 & 27/8/2019; 27/09/2019; 13/12/19; 28/2/20; 24/04/2020; 24/7/20; 24/11/20	Short term actions	Resource requirements
43	BUG, KEN	Reservoirs	Operations	Inspect elevated water tanks and ensure that they are vermin proof/ secure them from contamination.	3.1	Preventive Measures and Multiple Barriers	Bligh Tanner report Feb-16		Feb-2016	Very high	Supervisor North	13-Dec-19			Complete	2018-05: BUG: Operational staff used drone to inspect tank. This revealed a collapsed roof which was repaired. KBI: Reservoirs are due for replacement due to structural issues of the tank stand.	check with neighbouring Councils? GIP? Send email to all; AM to look at it (email); approach: inspect first, then act accordingly	BUG is secure KEN system to be replaced by end of September 2019 (ID 3) 13/12/19: Kenebri system has been replaced with two tanks and pump (completed in October 2019)		
44	Bugaldie	Disinfection	Investigations	Establish the maximum flow rate and confirm CTs.	3.1	Preventive Measures and Multiple Barriers	Bligh Tanner report Feb-16		Feb-2016	Very high	Supervisor North	29-Aug-18			Complete	2018-05: Refer to recommendation above. Bligh Tanner estimation re flow rate appears accurate.	doubling up from extreme			
45	Baradine	Reservoirs	Operations	Clean reservoir to remove sediment.	3.1	Preventive Measures and Multiple Barriers	Bligh Tanner report Feb-16		Feb-2016	Very high	Supervisor North	29-Aug-18			Complete	2018-05: Planned to occur in week 18/06/18.	done			
46	Baradine	Disinfection	Operations	CT/clear water tank contamination: Discuss need for precautionary boil water alert with PHU/DPI Water OR increase chlorine concentration to 4 mg/L to maximise CT.	3.1	Preventive Measures and Multiple Barriers	Bligh Tanner report Feb-16		Feb-2016	Very high	Supervisor North	27-Jun-19			Complete	2016-10: None of this was done as considered not necessary by Manager WW-Operations & DTS after consultation with DPI Water (reason?). 2018-05: The CCP target for disinfection was 1.4 - 1.5 mg/L as of 3/2018 but is higher on average (1.55), new target after DWMS meeting: 1.4 - 1.8 mg/L. Reservoir mixer will be installed in FY2017/18.	Follow up discrepancy between chlorine measurements at plant and in retic -> SS; NaOCl absorption issue Fe/Mn - dose prior to clarifier (e.g. run into the launder) BUT increased clarifier corrosion -> AM; recalc/confirm current CT (tank dimensions); install inline static mixer (increase baffle factor??? NO); relocate service to retic main; next customer; increase baffle factor in tank by modification if still required; WIS circular 18 (including bunding of chemical tank/reduce size of tank); self buried tank.	Integrity issues have been fixed (May 2019). Actions marked as complete. Separate action 326 to review CT.		
47	CLH, DUN	Catchment & Abstraction	Major works	Decommission the abandoned bore (CLH). Decommission the old well in the WTP building (DDO).	3.1	Preventive Measures and Multiple Barriers	Bligh Tanner report Feb-16		Feb-2016	Very high		29-Aug-18			Complete	2016-10: bore openings covered (photographic evidence available); 2018-05: Q - is 'decommissioning' different to 'sealing bores'?	what does decommission mean?; is the level off the bores? Not well??			
48	BUG, BDN, KBI	Catchment & Abstraction	Investigations	Bore investigations (integrity, capping, geology, exclusion zones - fencing)	3.1	Preventive Measures and Multiple Barriers	Risk assessment	1.03	Mar-2015	High	Supervisor Treatment	24-Jul-20	30-Jun-21		Closed	integrity/capping being looked at; BUG no fence around bore (allocate budget); KBI/BUG septic on bore side of house -> septic tank register/inspection (regulatory services); NSW Health testing should start; BUG deep/KBI a bit shallower 31/10/2018: Supervisor North; quotes for BUG fencing; Manager talk to regulatory services	Contractor to inspect first week of September 19, and provide quote to address integrity issues at bores (BUG, BAR, KEN) 13/12/19: Inspections have been carried. 28/2/20: Works still to be undertaken. Oriana project to review and fix bore casings. 24/7/20: fencing BUG see item 34; assume no (updated) septic tank register or mgt system within Council; bore integrity covered as part of reservoir upgrade project - WEARS to provide quotes; OWUA project: need update from OWUA (issue PO for our contribution); closed as included in new action A352	Consider as part of reservoir upgrade program.		
49	Baradine	Catchment & Abstraction	Minor works	Cap the abandoned bore.	3.1	Preventive Measures and Multiple Barriers	Bligh Tanner report Feb-16		Feb-2016	Medium		29-Aug-18			Complete	2018-05: One bore has been capped, two other openings have been closed with rubbered flanges. 2019-05: need to investigate (considering depth of bore) how concrete capping can be realised				
50	BUG, BDN, KBI	Catchment & Abstraction	Investigations	Private water bore inspections, bore register	3.1	Preventive Measures and Multiple Barriers	Risk assessment	1.03	Mar-2015	High	Manager Warrumbungle Water; Technical Officer	30-Jul-21	31-Aug-21	Media Release	In progress	Can we obtain a list of private bores from DPI? Bruce Lamont to advise if DOI can give us a list (Doug Moorby did similar exercise)	contamination from same aquifer	13/12/19: Discussion at Oriana meeting and with NSW Health advised against providing any such communication due to perceived risk. Still considered to be a risk. Comms notice to also consider water security. 24/7/20: no progress; media release recommended 24/3/21: Media release to be prepared; Tech Officer to liaise WaterNSW re bore register & Doug Moorby 30/7/21: private bore inspections not intended; some bore information can be obtained from Water NSW; Media release to be prepared	Consider Media / comms for residents on importance of water security and contamination of bores, sustainability. Investigate information available on the subject (Tech Officer)	
51	Baradine	Disinfection	Major works	re CT: Change reticulation configuration so all water must go through reservoir prior to delivery to town OR install new chlorine contact tank of sufficient size to provide adequate CT.	3.1	Preventive Measures and Multiple Barriers	Bligh Tanner report Feb-16		Feb-2016	Very high	Supervisor North	27-Jun-19			Closed	2016-10: Alternative and less costly suggestion to improve CT and guarantee appropriate disinfection: modify end of inlet pipe into clear water tank (e.g. perforated cap/pipe extension) for better distribution of inflowing water into tank. 2018-05: Need to measure clear water tank dimensions and assess current baffling system/find drawings to calculate CT more accurately; increase chlorine dosing to 2mg/L - need to notify residents in advance.	doubling up from extreme; an additional tank could be installed above ground between filters and underground clear water tank, dose chlorine in it -> increase CT (AM to investigate)	Action closed. Refer to action 326		
52	Mendocran	Catchment & Abstraction	Operations	Inspect the (back-up) bore and ensure integrity.	3.1	Preventive Measures and Multiple Barriers	Bligh Tanner report Feb-16		Feb-2016	Very high	Supervisor South	27-Jun-19			Complete	Supervisor South - to check integrity 2016-10: Note - Intake is flood prone! 2018-05: Back-up bore not being used, control philosophy needs to be established.		Integrity of back up bore has been checked and is not an issue		
53	All	Distribution	Investigations	Identify high risk areas for backflow prevention (i.e. STP)	3.1	Preventive Measures and Multiple Barriers	Risk assessment	10.01	Mar-2015	High	Manager Warrumbungle Water; Supervisor Retic; Technical Officer	30-Jul-21	31-Aug-21	ELT report	In progress	Need backflow prevention policy Regulatory services police (that they do it properly); need RPZ register (including inspection intervals) STPs, SPSs, dump points, parks/gardens (chemicals) - standards? Hospitals, dentists,	consultant to develop? Get proposals (e.g. Key environmental) Supervisor North to get proposals/funding (SS follow up with Mark Nave)? Check with regulatory services if this is done	Policy and register and inspection program still to be developed 13/12/19: Engaged consultant, to review documents produced 28/2/20: Policy and procedure produced and reviewed. Council to adopt. Consultant also developing register, which should identify high risk areas. 24/7/20: backflow policy and register drafted, however finalisation cannot occur until fees/charges are clarified and Council internal register set-up + admin resources allocated (Tech Officer position currently vacant) 24/11/20: as above 25/3/21: Tech Officer to finalise register in collaboration with Supervisor Retic (currently vacant); Manager to draft ELT report re implementation recommendations 30/7/21: Backflow policy to be finalised incl backflow register; then communication to owners need to occur re implementation; requires admin support	Tech Officer liaise with consultant and investigate setup register in council systems (Authority)	
54	BAR, BDN, CBN, MDN	Coagulation & Flocculation	Minor works	Online interlocks for pH and turbidity on outlet for filters	3.1	Preventive Measures and Multiple Barriers	Risk assessment	3.02	Mar-2015	High	Manager Warrumbungle Water	28-Feb-20	30-Jun-21	Page 4 of 23	Closed	MDN has interlock; rest discussed - will be with upgrades (SCADA/Automation)		Scheduled as part of automation project. Project plan ID 35 28/2/20: Scoping study is underway Closed, as part of automation project (action 328)	To be included as part of process monitoring, automation and instrumentation project (action 328)	

No	Location	Process step	Category	Action	ADWG No.	ADWG Element	Source	Haz ID / Source number	Date added	Priority	Action Owner	Date reviewed	Due date (revised)	Due date notes	Status	Comments	Comments 29/08/18	Comments 27/6/19 & 30/7/2019 & 27/8/2019; 27/09/2019; 13/12/19; 28/2/20; 24/04/2020; 24/7/20;	Short term actions	Resource requirements	
55	All	Whole of System	Investigations	Electronic key system currently being investigated	3.1	Preventive Measures and Multiple Barriers			Sep-2015	Medium	Manager Warrumbungle Water	30-Jul-19			Complete	Manager WW - Operations/ Manager Property & Risk?	In FY16/17 budget for CBN sewer sites only	Complete first week of August 2019			
56	Bugaldie	Distribution	Investigations	Consider options to improve water pressure to limit risk of ingress into reticulation mains.	3.1	Preventive Measures and Multiple Barriers	Bligh Tanner report Feb-16		Feb-2016	Medium	Technical Officer	30-Jul-19			Closed		2018-05: Note - in light of this comment, replacement of KBI system with BUG like system is not advisable?	Not considered viable.			
57	Mendoo	Catchment & Abstraction	Investigations	Assess the need for additional barriers to be implemented in the catchment area to protect raw water quality.	3.1	Preventive Measures and Multiple Barriers	CWT report May-15		May-2015	High		01-Mar-19			Closed	(Section 4.1, p.6) riparian zone next to river; educate farmers/pump up from river to troughs; stock routes? - rangers; cannot enforce	check this section out; 5km upstream from intake; unrealistic; procedure: high rain event switch over to bore to min risk!				
58	Baradine	Reservoirs	Minor works	re clear water tank: Establish integrity to prevent contamination/vermin ingress AND fix holes in WTP building to prevent vermin getting inside.	3.1	Preventive Measures and Multiple Barriers	Bligh Tanner report Feb-16		Feb-2016	Very high	Supervisor North	27-Jun-19			Complete	Photographic evidence available. Needs more sustainable solution		Completed May 2019			
59	CLH, DUN	Catchment & Abstraction	Minor works	Seal the bores (incl. covering the abandoned one - CLH).	3.1	Preventive Measures and Multiple Barriers	Bligh Tanner report Feb-16		Feb-2016	Very high	Supervisor Treatment	24-Apr-20	6/03/2020		Complete	2016-10: Pictures with evidence/before-after comparison available. Expanding foam for operational CLH bore is only a temporary solution. 2018-05: Money included into capital budget FY18/19 to seal operational CLH bore (within frame of reservoir upgrade) and concrete cap abandoned bore, which has already been welded shut.	is there a standard for capping/plugging bores (AS) - MG (chase with Dale); WIS to seal bores	Coolah bore to be capped (ID 15) 13/12/19: Current bores in Coolah have been sealed. Contractor has been engaged to cap bore at Coolah. 28/2/20: Dunedoo in a raised shed, is enclosed in shed. No gaps in integrity. 24/4/20: CBN has been sealed, Coolah sealed 24/4/20			
60	Kenebri	Disinfection	Investigations	Determine configuration of tanks and re-configure to be in series if possible to increase CT.	3.1	Preventive Measures and Multiple Barriers	Bligh Tanner report Feb-16		Feb-2016	Very high	Supervisor North	27-Jun-19			Closed	2018-05: Tanks are currently not in series. The reservoirs require replacement. Replacement design will account for sufficient CT.	reservoirs require replacement. \$100k budgeted in FY2018/19, quote received; pump energy cost will increase with intended set-up	To be progressed 27/9/19: covered under ID 43 (new tanks should have sufficient CT - more than BUG)			
61	BUG, KEN	Catchment & Abstraction	Minor works	Seal the bore (BUG/ borehead (KBI)).	3.1	Preventive Measures and Multiple Barriers	Bligh Tanner report Feb-16		Feb-2016	Very high	Supervisor North	30-Jul-19			Closed	2016-10: Operational staff performed temporary sealing (photographic evidence available) 2018-05: More sustainable solution required (more durable/flexible/resistant sealant)	combine double ups?	Closed, covered by action 48			
62	Baradine	Reservoirs	Operations	re clear water tank: Thoroughly clean the WTP building to remove all bird faeces (care to be taken to not allow cleaning water to enter the clean water tank).	3.1	Preventive Measures and Multiple Barriers	Bligh Tanner report Feb-16		Feb-2016	Very high	Supervisor North	27-Jun-19	31-Oct		Complete	2018-05: Note - inside of walls cannot be cleaned due to the wall material being asbestos + most areas located in very high places/inaccessible. Obtained a quote to upgrade clear water tank to comply with Circular 18, including cleaning, included in FY2018/19 capital budget.		Majority cleaned (all droppings around CWT have been removed, only high areas on asbestos). Have repaired holes to prevent further ingress by birds/vermin. Budget to replace external walls (FY19/20) to help prevent further ingress/WHS issues. 13/12/19: External work to remove asbestos has been deferred. Waiting on clarifier status. Majority has been cleaned, action closed, no other short term actions available			
63	Baradine	Reservoirs	Minor works	Repair reservoir to prevent vermin ingress.	3.1	Preventive Measures and Multiple Barriers	Bligh Tanner report Feb-16		Feb-2016	Very high	WIS	27-Jun-19			Complete	2018-05: Obtained quote to upgrade reservoir to comply with Circular 18 + included in FY2018/19 capital budget.		Completed May 2019			
64	Baradine	Catchment & Abstraction	Minor works	Seal the operational bore.	3.1	Preventive Measures and Multiple Barriers	Bligh Tanner report Feb-16		Feb-2016	Medium		27-Aug-19			Closed		2018-05: Temporary sealed by operational staff (with silicone), more sustainable solution required. 2019-05: part of WEAS engagement (confirm in scope)	Closed, covered by Action 48			
65	Binnaway	Reservoirs	Minor works	Ensure that the reservoir is adequately sealed from vermin and rainwater ingress.	3.1	Preventive Measures and Multiple Barriers	Bligh Tanner report Feb-16		Feb-2016	Very high	Manager Warrumbungle Water	24-Jul-20	31-Dec-20		Complete	2018-05: Obtained quote to upgrade reservoir to comply with Circular 18 + included in FY2018/19 capital budget.		Last inspected Feb 2019. Covered by action 333. 13/12/19: Have a quote for works to fix integrity. Contractor to be engaged 28/2/20: Purchase order given to contractor. Waiting for contractor to schedule site visits. 24/4/20: Have manufactured required hatches, postponed due to COVID restrictions (unable to cross border) 27/4/20: WEARS been on-site and installed new hatch; reservoir sealed (however WEARS needs to come back to replace again due to slight error in measurements)			
66	CBN, MDN	Reservoirs	Minor works	Seal all points of ingress into the clear water tank AND Establish integrity of all reservoirs.	3.1	Preventive Measures and Multiple Barriers	Bligh Tanner report Feb-16		Feb-2016	Very high	WIS	30-Jul-19			Complete	2016-10: Temporary sealing done by operational staff (photographic evidence present). 2018-05: Obtained quotes to upgrade tanks/reservoirs to comply with Circular 18 + included in FY2018/19 capital budget.		CBN and MDN clear water tank have been sealed Reservoirs integrity have been fixed			
67	CLH, DUN	Reservoirs	Minor works	Vermin proof the reservoirs.	3.1	Preventive Measures and Multiple Barriers	Bligh Tanner report Feb-16		Feb-2016	Very high	WIS TBD	30-Jul-19			Complete	2018-05: Obtained quotes to upgrade reservoirs to comply with Circular 18 + included in FY2018/19 capital budget.		Dunedoo reservoirs complete. Marked as complete, as Coolah reservoirs covered by action 185			
68	Baradine	Clear water tank	Major works	Seal the clear water tank against vermin and contaminants. Install bunds around the chemical dosing systems.	3.1	Preventive Measures and Multiple Barriers	Hunter H2O Audit 2014	BAR010	2014	High	Supervisor Treatment	24-Jul-20	13/04/2021		Closed	The clear water tank is not sealed/protected and is potentially exposed to chemical spills or vermin		CWT sealed. Bund has been purchased, waiting to be installed. 13/12/19 & 28/2/20: Bund installation waiting on recommendations for WTP upgrades/replacements (related to action 78) 24/7/20: see last comment; installation of bund + sump required in chem dosing area (to put out alum tank bund); installation of self bunded soda ash tank still outstanding; closed as included in new action A350	Bund to be installed, building modifications to be complete prior to installation.		
69	Mendoo	Filtration	Critical control point	Review filtration CCP to be in line with ADGW recommendation (<0.2 NTU).	3.2	CCPs	CWT report May-15		May-2015	Very high		29-Aug-18			Complete	2016-10: (Section 3, p.5 of CWT report); CCP reviewed by Bligh Tanner (Jan-16); target reduced to <0.3 NTU (from <0.5), recommended: lower CCP 'with water quality triggers' (for BW?) 2018-05: CCP of <0.2 NTU has been adopted.					
70	CLH, DUN	Disinfection	Critical control point	Implement high level action and critical chlorine limits in CCPs	3.2	CCPs	Bligh Tanner report Feb-16		Feb-2016	Very high					Complete	Refer to current CCP reference guide					
71	All	Documentation / Protocol	Documentation / Protocol	The HACCP Summary Tables should be made readily accessible to operators (e.g. pinned up at the treatment plants and Council offices).	3.2	CCPs			Mar-2015	High	Manager Warrumbungle Water; Technical Officer	30-Jul-19			Complete	CCP tables were supplied to supervisors/operators; however, only some plants (Binnaway, Kenebri, ..) had them displayed during Bligh Tanner's site visits in Jan-16. Manager WW - Special Projects provided updated CCP tables to Technical Officer for re-distribution to supervisors/operators again with clear instructions (Tech Officer to document this in spreadsheets).		CCP tables displayed at all sites. Laminated CCPs in trucks of distribution staff. Staff now also highlighting sheet entries (hardcopy) if outside target.			

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72	All		Critical control point	The identification of CCPs and Critical Limits should be reviewed every year, and upon any significant changes to any of the water supply systems. The formal review process and records of the outcomes of these reviews should be documented. The DWMS documentation should also be updated accordingly.	3.2	CCPs			Sep-2015	Medium	Manager Warrumbungle Water	29-Aug-18			Implemented	Complete 2016, due Jan-17	CCP review was performed by Bligh Tanner in January 2016 and documented in the DWMS Implementation Report			
73	BAR, BWY, CBN	Fluoridation	Critical control point	Council to include a fluoride CCP at Binnaway, Baradine and Coonabarabran, upon next review of DWMS.	3.2	CCPs			Sep-2015	Medium	Manager Warrumbungle Water	29-Aug-18			Complete	Bligh Tanner consultant, Manager WW - Special Projects	Was done by NSW Health consultant from Bligh Tanner in collaboration with Council.			
74	BWY, CBN, MDN	Sedimentation	Documentation / Protocol	Establish an Operational Control Point (OCP) for the settling lagoon	3.2	CCPs	Bligh Tanner report Feb-16		Feb-2016	Medium	Supervisor Treatment	30-Jul-21	30-Sep-21	13/3 (long term trends)	In progress		2016-10: Undertake jar tests and confirm the appropriate coagulant dose; base change over between lagoons on outlet turbidity CBN: Introduce action limits on water quality requiring actions such as jar testing, optimising alum/polymer dose rates, switch between lagoons. MDN: enhanced management, e.g. when to undertake jar tests and switch between lagoons	27/9/19: turbidity; pH (e.g. should be 6-7 if alum is used) 28/2/20: Supervisor to propose OCP (>3 NTU, pH dependent on coagulant) 25/3/21: values determined for each lagoon system; need to be added to CCP reference guide 30/7/21: paper form list (with NTU and pH setpoints) to be forwarded to consultant to include in updated CCP reference guide		
75	CBN, MDN	Sedimentation	Documentation / Protocol	Establish an OCP for the sedimentation lagoons.	3.2	CCPs	Bligh Tanner report Feb-16		Feb-2016	Medium	Manager Warrumbungle Water; Technical officer	27-Sep-19		31-Dec	Closed		2016-10: CBN: Introduce action limits on water quality requiring actions such as jar testing, optimising alum/polymer dose rates, switch between lagoons. MDN: enhanced management, e.g. when to undertake jar tests and switch between lagoons	27/9/19: refer to ID 74	Discuss setting OCP at quarterly review meeting. Technical officer to prepare long term trends	
76	BIN, CBN, MDN, CLH, DUN	Catchment & Abstraction	Critical control point	If sand bed demonstrates effective filtration consider making this a CCP	3.2	CCPs	Risk assessment	1.02	Mar-2015	Medium	Manager Warrumbungle Water	29-Aug-18			Closed		Comments: Raw water can only be accessed for testing pre- and post- natural sand bed filtration in BWY, CBN and MDN. The sand bed filtration is a natural process and cannot be controlled. Therefore, it will not be considered as CCP.			
77	Coonabarabran	Filtration	Critical control point	Review filtration CCP target and limits to be in line with ADWG recommendation (<0.2 NTU).	3.2	CCPs	CWT report May-15		May-2015	Very high	Supervisor Treatment	24-Jul-20		30-Jun-20	Complete	2016-10: (Section 2.1, p.4 of CWT report); CCP assessed by Bligh Tanner (Jan-16) but value not yet been lowered (currently target <0.8 NTU, recommended <0.3 'with water quality triggers') 2018-05: target set to <0.3 NTU in March 2018. Operators voiced concerns that this cannot be achieved once raw water turbidities increase. Requested funding through NSW Health to perform a filter media inspection to assess if media requires replacement.	filter inspection? NSW Health, Mark Nave to follow up; Hunter H2O BWY report to NSW Health; depends on funding from NSW Health, otherwise needs to come out of WTP renewal budget	Currently using emergency back up bores. Filter media inspection undertaken recently (never been replaced). Turbidity target limit has been changed to 0.3 NTU, operational limit 0.5 NTU. Will have difficulty in meeting limit when source water is changed to the dam water. 13/12/19: Following improvements to filter, reduced critical limit should be able to be achieved when source water is changed 28/2/2020: Filter needs to be refurbished prior to media replacement. Have repaired area where there was bypassing. Result have improved. HunterH2O is providing a proposal to assist with replacement with sourcing and quantities. 24/7/20: NTU constantly < 0.1 (previous gullet repair); however media replacement still required but target met	Filter upgrade	
78	Baradine	Filtration	Critical control point	Reduce CCP limits for turbidity AND initiate backwashes based on water quality	3.2	CCPs	Bligh Tanner report Feb-16		Feb-2016	Very high	Supervisor Treatment	24-Jul-20		31-Dec-20	Closed	2016-10: CCP target got reduced to <0.2 NTU (from <0.8) 2018-05: Safe and Secure EOJ submitted for 'Automation and Process Instrumentation Upgrade', including online instrumentation. Lab turbidity meter included in FY2018/19 capital budget. 2018-11: NTU meter purchased and in use	Limits previously reduced. Current iron and manganese issues (long term issue in winter) Limit of 0.2 NTU difficult to meet in winter. Started dosing chlorine dosing prior to clarifier, impact not yet seen. 27/9/19: HH2O will do filter inspection and trouble-shoot (Health project); settled water and filtered water NTU are currently the same(!); BW done every day, if increase in NTU another one is done 13/12/19: Filter inspection are complete, waiting on report. Filters need replacing. 28/2/20: Waiting on clarifier project to be resolved. NSW Health have been involved in discussions are reviewing with DPIE 24/4/20: Budget for filter replacement, however this needs to be replaced at same time as clarifier. 9 April 2020 teleconference held to discuss Baradine clarifier with DPIE, waiting for DPIE to provide their advice in writing. 24/7/20: closed as included in new action A350	Waiting on clarifier and filter replacement		

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79	Binnaway	Filtration	Critical control point	Set more challenging filtration CCP limits	3.2	CCPs	Bligh Tanner report Feb-16		Feb-2016	Very high	Supervisor South	27-Jun-19			Complete	2016-10: CCP target got reduced to <0.6 NTU (from <0.8); BW needs optimising + filter media replacement (refer to recommendation under 'Equipment Calibration & Maintenance') 2018-05: Filter media replacement planned starting 25/06/18. 2018-07: filter media replaced		CCP limit reduced to 0.2 NTU (March 2019?) Filter media replaced (June 2018) Generally meeting new limits.		
80	All		Training	Relevant staff members must be trained to ensure they understand what the CCPs are and why they are important. This training should include use of the HACCP Summary Tables, associated target, Alert and Critical Limits, as well as the monitoring requirements to ensure the CCPs remain in control.	3.2	CCPs			Mar-2015	High	Manager Warrumbungle Water	30-Jul-19			Implemented	Managers WW - Operations & Special Projects, HR, Supervisors		Staff are trained as part of inductions. When CCPs are changed, updated CCP tables are provided and discussed at quarterly meetings (Supervisor/Team Leaders). Changes are passed on to operators via tool box talks.		
81	Mendooran		Critical control point	That WSC finalise draft CCPs provided the DWMS Implementation Report (Bligh Tanner, 2016) and include an additional WTP Final pH CCP	3.2	Critical Control Points	Mendooran Boil Water Alert 2017	MBWA2017	2017	High	Manager Warrumbungle Water	22-Jan-19			Implemented			pH introduced for Mendooran WTP. CCP cannot be implemented as pH cannot be controlled, only monitored. COP reference guide and introduction of final pH CCPs/COPs for Shire outstanding		
82	Mendooran	Wash water	Investigations	Consider a sedimentation stage with long residence times prior to returning the wash water to the inlet works. This may be achieved through installing baffles in the lagoon to reduce short circuiting	3.2	Critical Control Points	Hunter H2O Audit 2014	MEN007	2014	Medium	Manager Warrumbungle Water	24-Apr-20	30-Sep-20	Interim (finish concept design)	Closed	Wash water is directed to the sedimentation ponds for recovery. A concentration of contaminants unable to be removed in the sedimentation process may occur increasing the load on the filters		Covered by Mendooran water supply modification upgrade. Currently at concept design stage. Further funding will be needed for construction. 13/12/19: Consultant engaged to undertake concept design (site visit has already been undertaken - Nov 2019) 24/4/20: Consultant has submitted documentation (site constraint and design report). Have had meeting with Consultant on progress this week. Consultant to submit further information needed to progress. Action closed, as now covered into new combined Action 345	Find funding following concept design finalisation (liaise with DPIE)	
83	Coolah	Disinfection	Process	Implement process to identify when gas bottle is empty	4.1	Operational Procedures	Risk assessment	7.01	Mar-2015	High	Manager Warrumbungle Water; Supervisor North; Supervisor South	27-Jun-19			Complete	Automatic changeover between duty and standby bottle was implemented	follow up: scales for bottles (cost?)			
84	All	Reservoirs	Investigations	Assess compliance regarding reservoir access with Australian Standards and common sense	4.1	Operational Procedures	Risk assessment	9.01	Mar-2015	High	Manager Warrumbungle Water; Supervisor Treatment	28-Feb-20	30-Jun-20		Closed	Aqualift inspection was performed and report with recommendations supplied. BUG and KBI were not inspected. The report has been partially actioned on, further actions dependent on financial and staff resources (safely access issue)		Contractor has been engaged to assist with working at heights access to reservoirs. Work to improve access ongoing. 13/12/19: Engaged WEARS to undertake this work 28/20/20: Action closed as covered by new action 343	Follow up with WEARS	
85	All		Documentation / Protocol	Formally document any procedure related to existing control measures identified in the risk assessment that are not currently documented. Involve relevant staff in the development of these procedures.	4.1	Operational Procedures			Sep-2015	Medium	Manager Warrumbungle Water	30-Jul-19			Closed			Hunter H2O is developing 12 SOPs (NSW Health support project) 13/12/19: Hunter H2O SOPs to be used as template. Supervisors to identify which other SOPs are required once we receive the ones from HH2O - then get quote f to develop the rest 28/2/20: Closed as covered by new action 339	To be included as part of action 339 develop SOPs system wide Compile existing SWMS Compile existing SOPs Develop list of required SOPs (including those to be developed by Hunter H2O). Include priorities and timeframes to be developed. Staff meeting to be used to discuss required SOP/SWMS	
86	All		Documentation / Protocol	Compile all SOPs into an operations manual	4.1	Operational Procedures			Sep-2015	Medium	Manager Warrumbungle Water	30-Jul-19		See A15	Closed			Hunter H2O is developing 12 SOPs (NSW Health support project) 13/12/19: Hunter H2O SOPs to be used as template. Supervisors to identify which other SOPs are required once we receive the ones from HH2O - then get quote f to develop the rest 28/2/20: Closed as covered by new action 339	To be included as part of action 339 develop SOPs system wide Compile existing SWMS Compile existing SOPs Develop list of required SOPs (including those to be developed by Hunter H2O). Include priorities and timeframes to be developed. Staff meeting to be used to discuss required SOP/SWMS	
87	Mendooran	Sedimentation	Investigations	Investigate pH increase between raw and settled water.	4.1	Operational Procedures	CWT report May-15		May-2015	Medium	Supervisor Treatment; Manager Water	24-Apr-20	30-Sep-20	Interim (finish concept design)	Closed	(Section 4.2.3, p.11)		24/4/20: Consultant (CWT) has looked at issue current concept design, probably due to algae. Action closed, as now covered into new combined Action 345	Check that this issue is covered in recent CWT report and if any recommendations	
88	Mendooran	Disinfection	Investigations	Consider switching to chlorine gas disinfection.	4.1	Operational Procedures	CWT report May-15		May-2015	Medium	Manager Warrumbungle Water	24-Apr-20	30-Sep-20	Interim (finish concept design)	Closed	(Section 4.2.5, p.16)		Included as part of Mendooran upgrade 13/12/19: Consultant engaged to undertake concept design (site visit has already been undertaken - Nov 2019) 24/4/20: Consultant (CWT) has looked at issue current concept design (site visit has already been undertaken - Nov 2019) 24/4/20: Consultant (CWT) has looked at issue current concept design (site visit has already been undertaken - Nov 2019) Action closed, as now covered into new combined Action 345	Refer to other action 171. Include pH and settled water investigations (action 87) Find funding following concept design finalisation (liaise with DPIE)	
89	MDN	Distribution	Documentation / Protocol	Implement a pro-active mains flushing program.	4.1	Operational Procedures	CWT report May-15		May-2015	Medium	Supervisor Reticulation; Technical Officer	30-Jul-21	31-Oct-21	Interim (order and print books)	In progress		(Section 4.3, p.17)	Schedules for Dunedoo still be developed. 27/9/19: waiting on Graham (flushing points DDO+MDN) 24/4/20: Flushing has been undertaken (exc Coolah and Dunedoo), but not formalised. Marty has picked points for a flushing program for all sites. Schedule to be put into a carbon copy book for each site for implementation 30/7/21: Carbon copy books still to be finalised	Order and print books	
90	All	Distribution	Documentation / Protocol	Develop a communication protocol around monitoring data (i.e. distribution data feeding back to WTP)	4.1	Operational Procedures	Risk assessment	10.01	Mar-2015	Medium	Manager Warrumbungle Water	01-Sep-15			Complete		Communication protocol is described in CCP document			
91	Coonabarabran	Filtration	Investigations	Confirm adjustments to backwash regime onsite to ensure they are effective.	4.1	Operational Procedures	CWT report May-15		May-2015	Medium	Manager Warrumbungle Water; Supervisor North	27-Sep-19	31-Dec-19		Closed		(Section 4.2.4, p.13)	Filter inspection undertaken identifying filter control issues. Refer to ID 150	Consultant to provide proposal to investigate. To be included as part of process monitoring, automation and instrumentation project (action 328)	
92	Coonabarabran	Disinfection	Investigations	Investigate the chlorine demand of the treated water in the reticulation to determine optimum chlorine dose at WTP.	4.1	Operational Procedures	CWT report May-15		May-2015	High	Supervisor South	27-Jun-19			Closed	2016-10: (Section 4.3, p.16 of CWT report)		No longer an issue (following mains replacement, flushing program etc.)		
93	All	Clarification/ Sedimentation	Investigations	Strategy needs to be developed for continued supply during times of significant maintenance (e.g. utilising the lagoons temporarily)	4.1	Operational Procedures	Risk assessment	4.01	Mar-2015	Medium	Manager Warrumbungle Water	30-Jul-19			Closed			No longer considered necessary		
94	Mendooran	Distribution	Documentation / Protocol	The water supply system diagram (Figure 2.1.9 Mendooran System Flow Diagram) from the WSC DWMS (17 th Oct 2014) be corrected and updated to accurately reflect the operational arrangement of the Mendooran Water Supply System.	4.1	Operational Procedures	Mendooran Boil Water Alert 2017	MBWA2017	2017	Medium	Supervisor South	22-Sep-17	23-Sep-17		Complete					

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95	Coonabarabran	Disinfection	Operations	Target a lower pH for disinfection.	4.1	Operational Procedures	CWT report May-15		May-2015	High	Supervisor South	27-Jun-19			Closed	2016-10: (Section 4.2.5, p.16 of CWT report)		27/6/19 & 30/7/2019 & 27/8/2019; 27/09/2019; 13/12/19; 28/2/20; 24/04/2020; 24/7/20;	Action closed. pH within target range, with adequate CT.		
96	Coonabarabran	Filtration	Operations	Consider periodic inspection on filter media	4.1	Operational Procedures	Risk assessment	5.01	Mar-2015	Medium	Manager Warrumbungle Water	27-Aug-19			Implemented				Filter inspection carried out in June 2019		
97	Mendooran	Disinfection / Protocol	Documentation	That the EHO provides a copy of water quality results to WTP Operators at the time of onsite sampling and testing and/or leaves these results at the WTP. Any CCP exceedances or un-usual results recorded by the EHO are to be immediately reported to WTP Operators and W&S Manager.	4.1	Operational Procedures	Mendooran Boil Water Alert 2017	MBWA2017	2017	High	Supervisor South	22-Jan-19			Complete						
98	All	Reservoirs	Investigations	Consider reviewing mixing options for reservoirs with common inlet/outlet	4.1	Operational Procedures	Risk assessment	9.01	Mar-2015	Medium	Manager Warrumbungle Water; Supervisor Treatment	30-Jul-21	30-Jun-20	Interim (determine reservoirs & engage)	Closed				24/4/20: Consultant has provided a proposal to look at mixing options. Binnaway reservoir has issues with water age. Other reservoirs with issues are included as part of other projects or are scheduled to be replaced. Reservoirs with C.t issue to be considered. 30/7/21: BDN res had a mixer installed in 2018; MDN Coolabah res are being looked at as part of funded future plant upgrade; BWY has diffent inlet to outlet; CLH Martin St res to be replaced in FY23/24 and Wentworth Ave res are looked at then (as potential new main site); DDO Rhodes St are being looked at re replacement (current CAPEX), Bullinda St has separate in/out; CBN res all have separate in/out; KBI/BUG have separate in/out --> new actions for Coolah and Dunedoo reservoirs A355 and A356		
99	Coonabarabran	Distribution	Monitoring	Consider sampling and testing program following mains repairs	4.1	Operational Procedures	Risk assessment	10.01	Mar-2015	Medium	Manager Warrumbungle Water	24-Apr-20	31-Dec-19	Interim deadline	Closed				This should be covered in relevant SOPs (Repair a water main break, Replace a water main) --> need to verify if this is the case	SWMS has been developed for main repairs. Testing is being undertaken for chlorine and turbidity following repairs. 24/4/20: Action closed as requirements of this action have been included in action 339 Develop System wide SOPs	SOP to be developed for pipe break repairs (and include monitoring) To be included as part of Action 339.
100	Coonabarabran	Distribution	Operations	Consider tanker filling from dead ends (if backflow prevention available)	4.1	Operational Procedures	Risk assessment	10.03	Mar-2015	Medium	Manager Warrumbungle Water	27-Aug-19			Implemented				Note: Especially relevant during times of water restrictions	Weekly flushing program in Coonabarabran (while high level restrictions are in place)	
101	ALL	DWMS	Documentation / Protocol	Insert location of and quality information (i.e. version, last review date, Document owner) for existing operational procedures into the DWMS Document Register (include review date, date created, responsible person, etc.) found in Appendix D of the DWMS.	4.1	Operational Procedures			Mar-2015	High	Manager Warrumbungle Water	27-Jun-19			Closed				Closed as covered by under new action 334, review and update DWMS.	Include as part of DWMS review and update (action 334)	
102	Mendooran	Documentation / Protocol	Documentation	That WSC review its current organisational structure with a view to ensure that the management of WTP Operators and reporting lines of communication actively support the ongoing implementation of its DWMS and CCPs. WSC should then formally document the adopted organisational structure, clearly communicating roles and responsibilities of all staff relating to the management of drinking water quality.	4.1	Operational Procedures	Mendooran Boil Water Alert 2017	MBWA2017	2017	High	Manager Warrumbungle Water	22-Jan-19			Implemented				Draft structure water and wastewater has been developed, discussed and partially implemented		
103	ALL	DWMS	Documentation / Protocol	Review operational procedures to determine what other procedures need to be developed in relation to managing drinking water quality (e.g. operational and maintenance processes for main breaks)	4.1	Operational Procedures			Mar-2015	High	Manager Warrumbungle Water; Supervisors	28-Feb-20	31-Mar-20		Closed	Waiting for standard SOPs being developed by NSW Health			Hunter H20 is developing 12 SOPs (NSW Health support project) 13/12/19: Hunter H20 SOPs to be used as template. Supervisors to identify which other SOPs are required once we receive the ones from HH20 - then get quote f to develop the rest 28/2/20: Closed as covered by new action 339	To be included as part of action 339 develop SOPs system wide Compile existing SWMS Develop list of required SOPs (including those to be developed by Hunter H20). Include priorities and timeframes to be developed. Staff meeting to be used to discuss required SOP/SWMS	
104	Coonabarabran	Aeration & Oxidation	Operations	Implement SOP for batching and dosing	4.1	Operational Procedures	Risk assessment	2.02	Mar-2015	High	Supervisor North; Supervisor South	28-Feb-20	31-Mar-20	Interim	Closed				Hunter H20 is developing 12 SOPs (NSW Health support project) 13/12/19: Hunter H20 SOPs to be used as template. Supervisors to identify which other SOPs are required once we receive the ones from HH20 - then get quote f to develop the rest 28/2/20: Closed as covered by new action 339	To be included as part of action 339 develop SOPs system wide Compile existing SWMS Develop list of required SOPs (including those to be developed by Hunter H20). Include priorities and timeframes to be developed. Staff meeting to be used to discuss required SOP/SWMS	
105	Coonabarabran	Filtration	Documentation / Protocol	Develop SOP for filter maintenance	4.1	Operational Procedures	Risk assessment	5.01	Mar-2015	High	Manager Warrumbungle Water; Supervisor North; Supervisor South	28-Feb-20	31-Mar-20		Closed				Hunter H20 is developing 12 SOPs (NSW Health support project) 13/12/19: Hunter H20 SOPs to be used as template. Supervisors to identify which other SOPs are required once we receive the ones from HH20 - then get quote f to develop the rest 28/2/20: Closed as covered by new action 339	To be included as part of action 339 develop SOPs system wide Compile existing SWMS Develop list of required SOPs (including those to be developed by Hunter H20). Include priorities and timeframes to be developed. Staff meeting to be used to discuss required SOP/SWMS	
106	Coonabarabran	Reservoirs	Operations	Consider a routine reservoir inspection (checking locks etc.)	4.1	Operational Procedures	Risk assessment	9.01	Mar-2015	High	Manager Warrumbungle Water; Supervisor North; Supervisor South	27-Jun-19			Closed				Closed. Weekly inspection, recorded in plant diary. Refer to action 310.		
107	Coonabarabran	Reservoirs	Documentation / Protocol	Develop SOP for the access of reservoirs	4.1	Operational Procedures	Risk assessment	9.01	Mar-2015	High	Manager Warrumbungle Water; Supervisor North; Supervisor South	28-Feb-20	31-Mar-20		Closed				Hunter H20 is developing 12 SOPs (NSW Health support project) 13/12/19: Hunter H20 SOPs to be used as template. Supervisors to identify which other SOPs are required once we receive the ones from HH20 - then get quote f to develop the rest 28/2/20: Action closed as covered by new action 343	To be included as part of action 343	

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108	Coonabrabran	Distribution	Documentation / Protocol	Develop SOP around distribution failures such as main breaks, sufficient flushing, cleaning of tools	4.1	Operational Procedures	Risk assessment	10.02	Mar-2015	High	Manager Warrumbungle Water; Supervisor North; Supervisor South	28-Feb-20	31-Mar-20		Closed	Need to verify if SOPs exist for mains/service breaks/failures and if they are used (available to staff)		Hunter H20 is developing 12 SOPs (NSW Health support project) 13/12/19. Hunter H20 SOPs to be used as template. Supervisors to identify which other SOPs are required once we receive the ones from HH20 - then get quote f to develop the rest 28/2/20:Closed as covered by new action 339	To be included as part of action 339 develop SOPs system wide Compile existing SWMS Compile existing SOPs Develop list of required SOPs (including those to be developed by Hunter H20). Include priorities and timeframes to be developed. Staff meeting to be used to discuss required SOP/SWMS	
109	Coonabrabran	Distribution	Documentation / Protocol	Consider developing a notification procedure for mains breaks	4.1	Operational Procedures	Risk assessment	10.02	Mar-2015	High	Manager Warrumbungle Water; Supervisor North; Supervisor South	28-Feb-20	31-Mar-20		Closed			Hunter H20 is developing 12 SOPs (NSW Health support project) 13/12/19. Hunter H20 SOPs to be used as template. Supervisors to identify which other SOPs are required once we receive the ones from HH20 - then get quote f to develop the rest 28/2/20:Closed as covered by new action 339	To be included as part of action 339 develop SOPs system wide Compile existing SWMS Compile existing SOPs Develop list of required SOPs (including those to be developed by Hunter H20). Include priorities and timeframes to be developed. Staff meeting to be used to discuss required SOP/SWMS	
110	All	Distribution	Documentation / Protocol	Consider closing household property meters prior to recommissioning mains	4.1	Operational Procedures	Risk assessment	10.02	Mar-2015	High	Supervisor North; Supervisor South	28-Feb-20	28-Feb-20	Interim (action 339)	Closed	Should be covered in relevant SOPs (Repair a water main break, Replace a water main) --> need to verify if this is the case		Hunter H20 is developing 12 SOPs (NSW Health support project) 13/12/19. Hunter H20 SOPs to be used as template. Supervisors to identify which other SOPs are required once we receive the ones from HH20 - then get quote f to develop the rest 28/2/20:Closed as covered by new action 339	To be included as part of action 339 develop SOPs system wide Compile existing SWMS Compile existing SOPs Develop list of required SOPs (including those to be developed by Hunter H20). Include priorities and timeframes to be developed. Staff meeting to be used to discuss required SOP/SWMS	
111	Coolah and Dunedoo	Distribution	Documentation / Protocol	Finalise flushing schedule for remaining systems (CLH, DDO nothing currently in place)	4.1	Operational Procedures	Risk assessment	10.03	Mar-2015	High	Supervisor South	30-Jul-19	31-Oct-19		Complete			Schedules for Coolah are to be printed first week of August. Dunedoo to still be developed. Action closed as covered by action 89.		
112	CBN	Distribution	Documentation / Protocol	Consider scouring program, including prioritisation of mains to be scoured	4.1	Operational Procedures	Risk assessment	10.03	Mar-2015	Low	Manager Warrumbungle Water; Supervisor Reticulation	24-Mar-21	31-Dec-20	Risk assessments	Complete			Scouring types investigated. Need for scouring to be evaluated. Priority reduced to medium, flushing has resulted improvements. 13/12/19: Due to improvements seen from flushing program, scouring program may not be immediately needed 24/4/20: A number of areas with previous problems, mains have been replaced. With flushing program improvements priority reduced to low. Issue to be discussed at risk assessment. 25/3/21: budget for Shire wide over the next years	Re-evaluate the need in the risk assessment	
113	Coonabrabran	Manganese removal	Investigations	Monitor raw and treated water soluble and total manganese concentrations and determine optimum potassium permanganate dosing ratio and pH.	4.2	Operational Monitoring	CWT report May-15		May-2015	Very High		29-Aug-18			Complete	(Section 4.2.1, p 6/7), total Mn in treated water (0.4 - 0.7 mg/L) exceeds ADWG of 0.1 (many WTP prefer <0.02 to prevent dirty water complaints); additional lab equip. needed: Nalgene hand pump + vacuum flask with filter + 0.2mm filter papers; typical dosing ratio KMnO4:soluble Mn = 2:1, if organics present 10:1, pH >8.5 favours oxidation	may need better quality KMnO4; pH will drop with chlorine gas as opposed to NaOCl			
114	Mendoo	Process Control	Investigations	Review of processes controlled by the PLC by a suitably qualified person in conjunction with the PLC programmer to optimise the process and ensure the process functions as designed. Ensure alarms or telemetric functions leaving the plant are reviewed and addressed as a priority so that operators can respond quickly to alarm situations in the plant and so that managers have the capability of monitoring plant performance and trends.	4.2	Operational Monitoring	DPI Inspections	DPI MEN002	Jan-2019	High	Supervisor South	28-Feb-20			Complete			It is apparent that processes controlled by the PLC need to be reviewed to ensure proper plant function. An example of this is the filter backwash function which was allowing incorrect flow rates at drain down and backwash cycles. A suitably qualified person who understands the process needs to work in conjunction with the PLC programmer to optimise the process and ensure the process functions as designed. It is also noted that currently there are no alarms or telemetric	28/2/20: Looked at PLC setup, external text message alarms have been added. Filter backwash function has been corrected in PLC. A number of issues were also rectified in the PLC program.	
115	Coonabrabran	Performance monitoring	Documentation / Protocol	Improve WTP record keeping so that major plant changes/issues can be reviewed.	4.2	Operational Monitoring	Bligh Tanner report Feb-16		Feb-2016	Very high	Supervisor North	27-Jun-19			Closed	2018-05: not sure what this is referring to. The operators complete carbon copy books with daily operational data and keep a plant diary that is kept at the plant.		Action closed. Records kept in carbon copy book kept at WTP, including comments.		
116	CBN	Monitoring	Documentation / Protocol	Develop formal monitoring protocols which identify target criteria for each of the preventive measures being monitored (including CCPs), monitoring records to be kept, responsibilities, authorities and required communication protocols. Combine documented protocols into a formal Operational Monitoring Plan.	4.2	Operational Monitoring			Sep-2015	Medium	Manager Warrumbungle Water	30-Jul-21	31-Aug-21	review proposal	In progress			Schedules are captured currently on operational carbon copy books 24/4/20: Consultant has provided proposal to develop operational monitoring plan for all systems 31/07/21: get separate proposal & review	Review proposal to develop monitoring plan	
117	Coonabrabran		Documentation / Protocol	Ensure all operational procedures are documented and referenced in the DWMS document register	4.2	Operational Monitoring			Sep-2015	Medium	Manager Warrumbungle Water	30-Jul-19			Closed			Closed refer to action 334 and 339	Include as part of DWMS review and update (action 334)	
118	Coonabrabran	Catchment & Abstraction	Monitoring	Consider turbidity monitoring of infiltration well water and river water on event basis to determine effectiveness of filtration	4.2	Operational Monitoring	Risk assessment	1.02	Mar-2015	Medium	Manager Warrumbungle Water	27-Aug-19			Implemented			Combined raw water testing daily undertaken of current water source (NTU, pH, colour). Raw water quality assurance program in place (micro, chemicals) for all bores as part of NSW Health funding.		

No	Location	Process step	Category	Action	ADWG No.	ADWG Element	Source	Haz ID / Source number	Date added	Priority	Action Owner	Date reviewed	Due date (revised)	Due date notes	Status	Comments	Comments 29/08/18	Comments 27/6/19 & 30/7/2019 & 27/8/2019; 27/09/2019; 13/12/19; 28/2/20; 24/04/2020; 24/7/20; 24/11/20	Short term actions	Resource requirements
119	Coonabarabran	Catchment & Abstraction	Monitoring	Consider testing for E. coli in raw water	4.2	Operational Monitoring	Risk assessment	1.04	Mar-2015	Medium	Manager Warrumbungle Water	27-Aug-19			Implemented			Raw water quality assurance program in place (micro, chemicals) for all bores as part of NSW Health funding.		
120	Coonabarabran	Catchment & Abstraction	Operations	Monitor raw water organics and nutrient loading.	4.2	Operational Monitoring	CWT report May-15		May-2015	Medium	Technical Officer	24-Apr-20	29-May-20	Interim deadline was 30/9/19 (review RWQ assurance program)	Closed		(Section 4.1, p.6), note: additional treatment processes may be required due to contamination through agricultural activities (farming, fertiliser application, cattle access to waterway)	Raw water quality assurance program in place (micro, chemicals) for all bores as part of NSW Health funding. Combined raw water testing daily undertaken of current water source (NTU, pH, colour). BGA testing during summer period. 13/12/19: Some baseline samples still to be taken (Health officer has since left). RWQ plan still to be reviewed for this requirement 24/4/20: Still to be reviewed and sampling plan developed	Review raw water assurance program against this requirement see items 120, 253, 287, 313)	
121	CBN	Coagulation & Flocculation	Monitoring	Monitor algae concentrations in the raw water and sedimentation lagoon. --> part of RWQ procedure (algae torch to be purchased) Action 248: Operators to re-familiarise themselves with BGA Management Protocols and related response actions. --> part complete (charts on CBN WTP wall) Action 292: Consider additional testing for taste and odour issues (MIB and Geosmin, chlorophyll-a (algae), pH, organic loadings and nutrient levels)	4.2	Operational Monitoring	CWT report May-15		May-2015	Medium	Supervisor Treatment	30-Jul-21	30-Sep-21		In progress		(Section 4.2.2, p.10)	BGA testing during summer period in raw water. 27/9/19: will test monthly in lagoons over summer 13/12/19: Have been using PAC. Testing not yet undertaken 24/4/20: Only raw water testing undertaken. Testing of lagoon not yet tested. No taste and odour complaints. PAC being dosed at Coonabarabran. Further investigation into taste issues needed. 30/7/21: algae torch purchased in FY20/21, operation to be implemented and recording to be added to spreadsheet prior to spring; BGA charts still to be displayed at BWY/MDN WTPs; A292 still outstanding, however carbon implemented for taste & odour in CBN	Add testing of sedimentation lagoons in warmer months (from December) as per BGA tests in raw water quality monitoring program. To be included in operational monitoring plan. Operators to re-familiarise themselves with BGA Management Protocols and related response actions. Further investigation needed for taste and odour issues	
122	CBN, BDN	Reservoirs	Monitoring	Consider implementing sampling regime for CBN, BDN for chlorine residual in the reservoirs	4.2	Operational Monitoring	Risk assessment	9.02	Mar-2015	Medium	Technical Officer	30-Jul-21	30-Jun-21		Implemented			Coonabarabran now (August 2019) recording chlorine residual testing of reservoirs (recorded weekly). 27/9/19: BDN flushing sheet not yet printed (waiting on sheets from Dunedoo) 24/4/20: BDN flushing sheets still to be printed 25/3/21: chlorine recorded as part of weekly reservoir inspections; slot to be added on Ops carbon copy books to record chlorine residual 30/7/21: updated carbon book still outstanding for BDN (meanwhile weekly recordings on comments section of ops log sheet)	Baradine monitoring flushing sheet to be amended to include chlorine residual monitoring of reservoirs.	
123	Coonabarabran	Filtration	Minor works	Install a second turbidity meter on the outlet of filter 2.	4.2	Operational Monitoring	CWT report May-15		May-2015	Very High	Supervisor North	27-Jun-19			Closed	2016-10: (Section 4.2.4, p.12 of CWT report) 2018-05: part of S&S funding project 'Automation and Process Instrumentation' - EOI submitted 04/2018	check individual filters periodically - once a week? (AM) may need to install sampling points; put in comments on sheet	Closed, covered by action 130		
124	Coonabarabran	Whole of System	Investigations	Consider online monitoring where CCPs have been identified	4.2	Operational Monitoring	Risk assessment	11.01	Mar-2015	Medium	Manager Warrumbungle Water	28-Feb-20			Closed			Closed, covered by Action 258 and 328.	To be included as part of process monitoring, automation and instrumentation project (action 328)	
125	Coonabarabran	Filtration	Minor works	Commission the turbidity meter to allow online monitoring of the filters.	4.2	Operational Monitoring	Bligh Tanner report Feb-16		Feb-2016	Very High	Supervisor Treatment	24-Jul-20	30-Jun-20		Complete			Part of WTP upgrades 27/9/19: received HH20 quote, need to revise; need PLC replacement (quote R&D) 13/12/19: Have once quote, expecting more quotes in early 2020. HunterH20 to install individual filter analyser (only currently on one filter) 28/2/20: Dual turbidity meters to be installed and replacement of PLC. PLC has been ordered. 24/4/20: Proposal received from HunterH20 for filter upgrade 24/7/20: covered under item 328; will be completed on 26/7/20	Waiting on project timeline for PLC. Liaise with HunterH20 on turbidity analyser.	
126	Coonabarabran	Disinfection	Critical control point	Install continuous online chlorine meter to ensure continual effective disinfection/control of chlorination CCP.	4.2	Operational Monitoring	Bligh Tanner report Feb-16		Feb-2016	Medium	Supervisor North	28-Feb-20	31-Jan-20 interim		Complete			Chlorine analyser has been installed, not yet online. Refer to action 258 and 328. Part of WTP upgrades 27/9/19: received HH20 quote, need to revise; need PLC replacement (quote R&D) 13/12/19: Have one quote, expecting more quotes in early 2020. HunterH20 to install individual filter analyser (only currently on one filter) Closed, as part of automation project (action 328)	To be included as part of process monitoring, automation and instrumentation project (action 328)	
127	Baradine	Filtration	Minor works	Install online turbidity meters for filtration (AND sedimentation after/during clarifier upgrade).	4.2	Operational Monitoring	Bligh Tanner report Feb-16		Feb-2016	Medium	Supervisor Treatment	24-Apr-20	30-Aug-20		Closed		2018-05: Safe and Secure EOI submitted for 'Automation and Process Instrumentation'. 2019-05: Automation Upgrade scoping study funding granted	Location changed to BDN Covered part of automation project (scoping study). 24/4/20: Recent meeting on upgrade project with DPIE, no current resolution. Spare online analyser being considered for use at Baradine at Binnaway. Supervisor to look at online analyser. Hunter H20 are currently doing an automation scoping study that should identify sites where analysers are required. 24/7/20: closed as included in new action A350	To be included as part clarifier upgrade or treatment plant upgrade	
128	Coonabarabran	Filtration	Minor works	Install online turbidity meters for each filter.	4.2	Operational Monitoring	Bligh Tanner report Feb-16		Feb-2016	Medium	Supervisor North	27-Sep-19	31-Dec-19		Closed		2018-05: Safe and Secure EOI submitted for 'Automation and Process Instrumentation'. 2019-05: Automation Upgrade scoping study funding granted	Combined inline online analyser; refer to ID 130	Consider part of automation project (scoping study) or plant of treatment plant upgrade	
129	Mendooran	Disinfection	Minor works	That online turbidity and chlorine residual monitoring is installed at Mendooran WTP.	4.2	Operational Monitoring	Mendooran Boil Water Alert 2017	MBWA2017	2017	High	Supervisor South	22-Jan-19			Implemented		Safe & Secure - draft funding deed is in preparation			
130	Coonabarabran	Filtration	Minor works	Install a second turbidity meter on the outlet of filter 2 and reconfigure the existing turbidity meter to monitor filter 1.	4.2	Operational Monitoring	CWT report May-15		May-2015	Very High	Supervisor Treatment	24-Nov-20	6-Mar-20 interim		Complete	2016-10: (Section 4.2.4, p.13 of CWT report) 2018-05: part of S&S funding application (Incident Review recommendation #)	currently monitoring both filters daily	Covered under automation project (action 328) Part of WTP upgrades 27/9/19: received HH20 quote, need to revise; need PLC replacement (quote R&D) 13/12/19: Have once quote, expecting more quotes in early 2020. HunterH20 to install individual filter analyser (only currently on one filter) 28/2/20: Dual turbidity meters to be installed and replacement of PLC. PLC has been ordered. Closed, as part of automation project (action 328)	To be included as treatment plant upgrades. Waiting on project timeline for PLC. Liaise with HunterH20 on turbidity analyser.	

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131	All	Information / System Protocols	Documentation / Protocols	Develop operating procedures for the following tasks: - Laboratory water quality sampling and testing - Scheduled maintenance tasks - Daily rounds - Plant operations	4.2	Operational Monitoring	Hunter H2O Audit 2014	BAR002, BIN002, BUG001, COH003, COO003, DUN003, KEN001, MEN002	2014	High	Manager Warrumbungle Water	28-Feb-20	31-Dec-19		Closed	No current standard operating procedures exist. General operating procedures are being developed in unison with the alliance		Hunter H2O is developing 12 SOPs (NSW Health support project) 13/12/19. Hunter H2O SOPs to be used as template. Supervisors to identify which other SOPs are required once we receive the ones from HH2O - then get quote f to develop the rest 28/2/20: Closed as covered by new action 339	To be included as part of action 339 develop SOPs system wide Compile existing SWMS Compile existing SOPs Develop list of required SOPs (including those to be developed by Hunter H2O). Include priorities and timeframes to be developed. Staff meeting to be used to discuss required SOP/SWMS	
132	Mendooran	Minor works		Desludge off line lagoon	4.3	Corrective Action	DPI Inspections	DPI MEN007	Jan-2019	Medium	Supervisor South	27-Aug-19		Complete				Lagoon was desludged The off line lagoon has dried out and is ready for desludging. Council is encouraged to carry out the desludging as soon as possible. If Council delays this work the risk is wet weather may further delay desludging which potentially could lead to the on line lagoon reaching full sludge capacity prior to the off line lagoon being ready.		
133	Mendooran	Vegetation Control	Operations	Maintain vegetation control throughout the water plant grounds and particularly around the sedimentation lagoons.	4.3	Corrective Action	DPI Inspections	DPI MEN008	Jan-2019	Medium	Supervisor South	27-Aug-19		Implemented				Vegetation is mowed, weeds pulled. Lagoon weeds removed with excavator when desludge Cumbungi particu		
134	Binnaway	Sedimentation Ponds	Major works	Reline complete pond to effectively seal the pond to allow effective drying/desludging of the pond. Council is reminded to keep pond cycling times to twelve months to prevent excessive sludge build up which can lead to difficulty in effective drying of sludge. Staff report that ponds have been cycled at twelve month intervals.	4.3	Corrective Action	DPI Inspections	DPI BIN001	Jan-2019	High	Supervisor South	22-Jan-19			Closed			Closed covered by action 330 Pond No:1 (West) is currently offline and has been desludged. Staff report that a clay impregnated liner was used on the eastern side only of the lagoon. The excavator operator was unable to completely clean out sludge from the bottom of the lagoon due to water ingress lifting the liner		
135	Mendooran	Reservoirs	Investigations	That WSC investigates the operational control arrangements with a view to including the Standpipe reservoir level as part of the start/stop control of the clear water pumps, so that either the Coolabah reservoirs or Standpipe reservoirs can start/stop the clear water pumps.	4.3	Corrective Action	Mendooran Boil Water Alert 2017	MBWA2017	2017	High	Supervisor South	22-Jan-19			Complete					
136	Mendooran	Reservoirs	Documentation / Protocol	That WSC review all reservoir inspection reports (2014 and 2017) to develop an Action Plan and urgently implement any outstanding recommendations. This Action Plan information should also be regularly reported back to DPI-Water.	4.3	Corrective Action	Mendooran Boil Water Alert 2017	MBWA2017	2017	High	Manager Warrumbungle Water; Supervisor Treatment	24-Nov-20	31-Aug-20 interim		Closed			Reservoir upgrades undertaken in May 2019 for integrity. WHS and Internal works still to be undertaken. Captured in annual report in DPIW Circular 18 (Contractor engaged) and in ASAM. 13 December 19: Not yet submitted. 6 reservoirs still to be inspected, difficulties in getting Aquafit to undertake inspection. To get WEARS to undertake inspections/cleans for remaining reservoirs. 28/2/20: Contractor has been engaged to fix remaining 6 reservoirs (WEARS). Circular 18 report has been submitted. 24/7/20: received excel sheet from WEARS incl source reports and priorities (excl 2014 ASAM); for MDN CWT compiled a list incl. 2014 ASAM reports but no prioritisation --> WEARS to provide cost to provide complet list (incl. 2014 ASAM/corroded internal structures) 24/11/20: finalisation of implementation still required --> included in Action 352 (A136 closed now)	Liaise with WEARS to provide quote on updated list.	
137	Mendooran	Documentation / Protocol		That WSC review the LMWUA Water Treatment Plant Audit Report for the Mendooran WTP (September 2014), develop an Action Plan and urgently implement any outstanding recommendations. This Action Plan information should also be regularly reported back to DPI-Water.	4.3	Corrective Action	Mendooran Boil Water Alert 2017	MBWA2017	2017	High	Manager Warrumbungle Water	22-Jan-19			Implemented			6 of 15 completed, 8 in progress, 1 outstanding. All to be included in DWMS Improvement Plan		
138	Coonabarabran	Documentation / Protocol		Establish a rapid communication system to deal with unexpected events.	4.3	Corrective Action			Mar-2015	High	Manager Warrumbungle Water	28-Feb-20	31-Mar-20		Closed			Draft ERP Hunter H2O developing updated incident response plan (NSW Health project) 20/2/20 - Closed and included as part of new action 341	To be included as part of ERP update (action 341)	
139	Coonabarabran	Training		Train relevant staff in these procedures (rapid communication incident response) and maintain a record of training. (A139)	4.3	Corrective Action			Mar-2015	High	Manager Warrumbungle Water	24-Jul-20	Within 2 months of finalisation		Closed			Training once new plans are developed 13/12/19: Confirmed that development of ERP is to be undertaken as part of Hunter H2O NSW Health project. 20/2/20- Training to be developed following development of ERP (Action 341) 24/7/20: closed as included in action A341	As part of HH2O IRP project (see action 341)	
140	BUG, DDO, KBI	Environmental works	Minor works	Install an appropriate containment bund around the dosing tank to capture any chemical leaks or spills during pump operation or transfer of hypo	4.3	Corrective Action	Hunter H2O Audit 2014	BUG006, DDO009, KBI006	2014	Medium	Supervisor Treatment	30-Jul-21	28-02-22		In progress			Dunedoo - 19/20 FY chlorine upgrade to gas 27/9/19: BUG/KBI: 200L mix tanks (diluted 20:1, 10:1 in summer with 20L 13% drums) 24/4/20: DDO moving to chlorine gas. 30/7/21: not enough room in BUG to fit bund tank (shed could be replaced with a bigger one or extended); DDO will be upgraded with currently existing equipment from Coolah once the chlorine room has been replaced (A7); KBI to purchase bund tank to install under dosing tank There is no chemical bund in the chlorine dosing/bore room. Chemical leaks and spills will not be contained and increases the risk of release to the environment.	Purchase bunding for tanks (BUG, KEN)	

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141	Coonabrabran	PAC dosing	Minor works	Replace the dosing lines and check the operation of the unit. Cover or store the unit in an area that reduces the chance of damage and systematically test its operation to ensure it remains functional.	4.3	Corrective Action	Hunter H2O Audit 2014	COO011	2014	Medium	Supervisor North	27-Aug-19			Complete			Has been recently moved closer to the wall. Currently in use (for algae in the lagoon) for taste and odour.				
142	Coonabrabran	Filtration	Investigations	<ul style="list-style-type: none"> Determine the filter media height and compare against the design levels Sample the filter media and test for sludge content Continue to monitor filter media height to determine if there is any filter media loss Perform a sludge content analysis of the filter media. Investigate the condition of the air scour and filter underdrain pipework to determine the root cause of the issue Top-up the filter media to the original design media level. 	4.3	Corrective Action	Hunter H2O Audit 2014	BAR006 COO007	2014	Medium	Supervisor North	30-Jul-19			Closed		Filter media levels are currently unknown and media loss is apparent inside the filter	Complete as part of filter inspection. Filter media to be replaced by end of FY. Closed as covered by other action (77 and 150)				
143	Coonabrabran	Sludge handling	Investigations	Have sludge tested prior to disposal to ensure it complies with legal requirements for disposal (waste classification guideline). The sludge should be tested for metals, organics, pH and moisture content	4.3	Corrective Action	Hunter H2O Audit 2014	BAR007, BIN007, COO008	2014	High	Technical Officer	30-Jul-19	30/09/2019			Closed	Sludge is excavated from the sedimentation ponds and disposed of at the local tip as required. No testing of the sludge samples currently occurs	Investigated biosolids requirements and do not take samples prior to disposing to landfill				
144	Mendooran	Sludge handling	Investigations	Sample and test the sludge prior to removing from the lagoon to ensure it is appropriate to apply/dispose on site. The sludge should be tested for metals, organics, pH and moisture content	4.3	Corrective Action	Hunter H2O Audit 2014	MEN008	2014	High	Supervisor South	27-Jun-19			Closed			sludge disposed of off-site				
145	CBN	Documentation / Protocol	Investigations	Continue developing the existing asset registers to develop an electronic database that includes details such as; age of infrastructure; expected life; last service date; maintenance frequency; manufacturer; recorded failures; responsibility for maintenance; operational procedures; and records for maintenance of equipment (including calibration). This should include any monitoring instrumentation.	4.4	Equipment Capability & Maintenance			Sep-2016	Low	Manager Warrumbungle Water	30-Jul-21	TBD			In progress		5 yearly evaluation of asset evaluations (last FY16/17) 24/4/20: Asset register is updated annually following completed capital projects. 24/11/20: Warrumbungle Water has no AMPs and currently no steps are taken for those to be developed, this however has been a recommendation to the S430 OLG investigation report 30/7/21: as above; it has	Asset management plan & registers to be developed.			
146	CBN	Filtration	Investigations	Review current filter bed depth against design depth and consider increasing media layers for better size to depth ratio.	4.4	Equipment Capability & Maintenance	CWT report May-15		May-2015	Low	Supervisor Treatment	24-Mar-21	28-Feb-21			Complete	(Section 4.2.4, p.13)	Filter inspection undertaken. 24/4/20: Quote received from Hunter H2O for filter media replacement 24/11/20: media replacement schedule for Feb 2021 25/3/21: specs for media replacement incl. filter media changes complete; media replacement will be undertaken this FY	To be included as part of filter media replacement			
147	Mendooran	Disinfection	Investigations	Consider insulating the chemical storage shed to lesson chlorine degradation.	4.4	Equipment Capability & Maintenance	CWT report May-15		May-2015	Low	Project Engineer	24-Apr-20	30-Sep-20	Interim (finish concept design)		Closed	(Section 4.2.5, p.16)	24/4/20 To be upgraded to gas Action closed, as now covered into new combined Action 345				
148	Coonabrabran	Organics Removal (catchment)	Investigations	Consider planting vegetation in/around Timor Dam to absorb organic contaminants used by algae for growth.	4.4	Equipment Capability & Maintenance	CWT report May-15		May-2015	Low		27-Aug-19				Closed	(Section 4.1, p.6)	Vegetation surrounding dam currently. Mixer installed.				
149	Coonabrabran	Fluoridation	Investigations	Analyse scale forming in fluoride system and on dosing spear.	4.4	Equipment Capability & Maintenance	CWT report May-15		May-2015	Low	Manager Warrumbungle Water	24-Apr-20	31-Dec-19			Closed	(Section 4.2.6, p.16)	24/4/20: Closed, included under Action 346	Close ADD fluoridation			
150	Coonabrabran	Filtration	Investigations	Optimise filtration by investigating BW flow rate and BW water quality.	4.4	Equipment Capability & Maintenance	Bligh Tanner report Feb-16		Feb-2016	Very high	Supervisor North	13-Dec-19	31-Jan-20	Interim		Closed	2016-10: Filter performance is poor, carry-over of filter media, BW rate likely to be too high + BW duration may be too long; 2018-05: optimisation of manual backwash was performed by staff. Filter media replacement scheduled starting 25/06/18. Safe and Secure EOI for 'Automation and Process Instrumentation' submitted.	Filter inspection has been undertaken (FY18/19). Media replacement scheduled for FY19/20. Also refer to ID 91 13 December 2013: Issue with bypass was identified and rectified which has improved BW flow rates. To confer with HunterH2O if filter replacement is still necessary. 28/2/20 - Action now closed, covered under action 77				
151	Mendooran	Distribution	Major works	<ul style="list-style-type: none"> Replace service water pumps Install appropriate back flow prevention valves Run a service water line across to the laboratory to test treated water 	4.4	Equipment Capability and Maintenance	DPI Inspections	DPI MEN003	Jan-2019	Medium	Supervisor South	27-Aug-19				Closed		The service water system at the water plant has not been functioning correctly since construction. The service water pumps need to be replaced with correctly sized pumps to supply water to the chemical dosing boards and safety showers. Operators have noted previously an incident where sodium hypochlorite has backflowed into the eyewash/safety showers. More recently coagulant was able to bypass a check valve into the service water line and make its way into the reticulation system (via the clear water).	Alternative arrangements have been undertaken to address the reasons for the requirement			
152	Mendooran	Reservoirs	Major works	<ul style="list-style-type: none"> A recirculation/rechlorination system should be considered to maintain a set concentration of free chlorine throughout the reservoirs. Verminebird proofing to be made permanent, access covers bought up to standard, overflow pipes made vermin proof Clean up of the site to remove cut vegetation is required as well as trimming back overhanging trees if needed. (A152) 	4.4	Equipment Capability and Maintenance	DPI Inspections	DPI MEN004	Jan-2019	High	Supervisor Treatment; Project Engineer; Manager Warrumbungle Water	24-Nov-20	31-Oct-19	Interim (engage consultant for concept design)		Complete		Clear water proofing needs to be made permanent, foam fill is a temporary measure that has already been compromised leaving the reservoir susceptible. Access covers should be brought to standard by ensuring they are sealed to the roof to prevent stormwater ingress, have a 100mm riser and a lockable lid. Overflow pipes should be vermin proofed. The rechlorination system on site was turned off on the day of inspection and is only rechlorinating delivery flows to the reticulation	Verminebird proofing - complete (May 2019) Site has been cleaned up and overhanging trees have been trimmed. 27/9/19: tender accepted as per Sept Council meeting, letter of offer prepared: future funding for D&C doubtful 13/12/19: Consultant engaged to undertake concept design (site visit has already been undertaken - Nov 2019) 20/2/20: To report to Council on choice of contractor 24/7/20: closed as included in ation A345	Recirculation to be covered by Mendooran Plant upgrade project (currently out for tender) Interim - report to Council on choice of contractor Find funding following concept design finalisation (liaise with DPIE)		

No	Location	Process step	Category	Action	ADWG No.	ADWG Element	Source	Haz ID / Source number	Date added	Priority	Action Owner	Date reviewed	Due date (revised)	Due date notes	Status	Comments	Comments 29/08/18	Comments 27/6/19 & 30/7/2019 & 27/8/2019; 27/09/2019; 13/12/19; 28/2/20; 24/04/2020; 24/7/20;	Short term actions	Resource requirements
153	Mendooran	Reservoirs	Major works	Consider replacing the roof with a platform roof. This would have several advantages, the whole roof becomes the access platform with surrounding handrail (removing some of the roof inspection concerns i.e. working at heights on a pitched roof). Access hatches installed to standard and remove pitched roof. Council should indicate how they intend to meet Circular 18 (issued by DOI Water) requirements for reservoir maintenance and inspections. Council should consider either a recirculation/rechlorination system to maintain the chlorine level at a set point in this reservoir or install a mixer to de-stratify the reservoir. It is understood Council is considering pressure booster pumps to address previously noted water pressure issues from this reservoir.	4.4	Equipment Capability and Maintenance	DPI Inspections	DPI MEN005	Jan-2019	High	Supervisor South; Manager Warrumbungle Water	28-Feb-20	28-Feb-20	submit C18 report	Complete		An attempt has been made to seal the hatch lid on the stand pipe reservoir but the reservoir has not been sealed to prevent stormwater ingress. In it's current form it would be very difficult to seal effectively due to the way the roof and platform have been constructed. As recommended previously, Council should consider replacing the roof with a platform	Circular 18 (Contractor engaged to develop. Hatches have been replaced. Tender to be prepared to undertake external concrete repairs. 28/2/20: Circular 18 submitted. January 2020. Closed, refer to other action 152 for consideration of recirculation/rechlorination system	Recirculation to be covered by Mendooran Plant upgrade project (currently out for tender) Interim - report to Council on choice of contractor; refer to ID 152	
154	Bin	Laboratory	Major works	Consider a transportable building to provide adequate laboratory space with storage cupboards and lab sinks to facilitate daily testing. This would be an opportunity to include updated staff amenities in the new building such as toilet, shower, and lunch room as well as provide a space for administration/record keeping i.e. desk and computer with internet access. Given the current water quality issues of iron and manganese it is recommended that Council provide test equipment in the laboratory that is capable of testing for those parameters. A spectrophotometer should be considered due to the wide range of parameters that can be tested.	4.4	Equipment Capability and Maintenance	DPI Inspections	DPI BIN002	Jan-2019	Low	Supervisor South	27-Aug-19			Closed		The current laboratory space is inadequate for housing the necessary laboratory equipment to carry out the required daily testing regime.	Required daily testing is being carried out. Additional building not considered necessary at this stage.		
155	Binaway	Distribution	Minor works	Repair/replace high lift pump	4.4	Equipment Capability and Maintenance	DPI Inspections	DPI BIN003	Jan-2019	High	Supervisor South	27-Aug-19			Complete		One high lift pump is currently out of service. This should be repaired/replaced as soon as is practicable to avoid total plant failure in the event of the second high lift pump failing.	Pump has been replaced (August 2019)		
156	Binaway	Filtration	Minor works	Replace filter outlet valve	4.4	Equipment Capability and Maintenance	DPI Inspections	DPI BIN004	Jan-2019	High	Supervisor South	27-Aug-19			Closed		The filter outlet valve has not been effectively shutting off and the replacement valve has been on site for some time. This valve should be replaced as soon as practicable.	Closed as covered by action 327		
157	Coonabarabran	Filtration	Investigations	Consider need to replace filter media.	4.4	Equipment Capability & Maintenance	Bligh Tanner report Feb-16		Feb-2016	Medium		25-Jun-18			Complete		2016-10: Underdrains may also need refurbishment 2018-05: Replacement scheduled to start 25/06/18. 2019-05: replacement completed as scheduled (06/2018)			
158	Binaway	Operations		Ensure the desludging of the sedimentation lagoons and any necessary maintenance is carried out at the earliest opportunity to ensure the offline lagoon is available for service when required.	4.4	Equipment Capability and Maintenance	DPI Inspections	DPI BIN007	Jan-2019	High	Supervisor South	27-Aug-19			Complete		The offline sedimentation lagoon has recently been brought online. Staff have indicated that the lagoon currently offline will now be pumped out to allow the lagoon to dry for sludge removal and maintenance.	Desludging has been completed, undertaken on an annual basis.		
159	Check location	Disinfection	Minor works	Install duty/standby chlorine dosing pumps.	4.4	Equipment Capability & Maintenance	Bligh Tanner report Feb-16		Feb-2016	Medium	Supervisor North; Supervisor South	27-Aug-19			Closed	2018-05: Note - spare pumps are available	Spare pumps considered adequate for sites, duty/stand by not considered necessary due to site size and intended upgrades (DUN).			
160	Mendooran	Investigations		That WSC liaises with DPI-Water to prepare a program of capital works required to address current water treatment plant and water supply issues identified in this report, with the aim of obtaining funding under the "Safe & Secure Water Program" to complete these works.	4.4	Equipment Capability and Maintenance	Mendooran Boil Water Alert 2017	MBWA2017	2017	High	Manager Warrumbungle Water	22-Jan-19			Complete					
161	Coonabarabran	Fluoridation	Investigations	Discuss fluoridation issues with PHU/DPI Water.	4.4	Equipment Capability & Maintenance	Bligh Tanner report Feb-16		Feb-2016	Very high		29-Aug-18			Complete	2016-10: Unknown solid in saturator of significant volume; dosing pump turned up to 100% to try and maintain final concentration (still underdosing); resolved by adding new fluoride to saturator (unknown substance still present) -> analyse solid to determine if it originates from a reaction with the source water. 2018-05: Removal of solid and replacement of saturator scheduled.	communicated to public that we are not dosing fluoride wait to hear back from NSW Health Water Unit following email from 24/08			

No	Location	Process step	Category	Action	ADWG No.	ADWG Element	Source	Haz ID / Source number	Date added	Priority	Action Owner	Date reviewed	Due date (revised)	Due date notes	Status	Comments	Comments 29/08/18	Comments 27/6/19 & 30/7/2019 & 27/8/2019; 27/09/2019; 13/12/19; 28/2/20; 24/04/2020; 24/7/20; 24/11/20	Short term actions	Resource requirements
162	Mendooran	Coagulation & Flocculation	Operations	Remove algae from flocculator chamber and aerator surface.	4.4	Equipment Capability & Maintenance	CWT report May-15		May-2015	Medium	Manager Warrumbungle Water; Supervisor Treatment	24-Apr-20	31-Mar-20	confirm with HH2O	Complete		(Section 4.2.2, p.10), remove by skimming and application of NaOCl liquid when required to prevent release of toxins	Cleaned on an annual basis (lagoon changeover) 13/12/19. Confirmed that maintenance schedules is to be undertaken as part of Hunter H2O NSW Health project (Task 4) 24/4/20: Included as a maintenance item		
163	Coonabarabran	Organics Removal (catchment)	Investigations	Check mixing profile of the WEARS mixer in Timor Dam.	4.4	Equipment Capability & Maintenance	CWT report May-15		May-2015	Medium			30-Jul-19		Closed		(Section 4.1, p.6)	No longer required, mixer is working fine (previously upgraded)		
164	Coonabarabran	Organics Removal	Major works	Upgrade existing PAC system with a new automated batching and dosing system.	4.4	Equipment Capability & Maintenance	CWT report May-15		May-2015	Medium	Supervisor North	27-Sep-19	30-Apr-20		Closed		(Section 4.2.1.1, p.8)	27/9/19: not required, dosing is adequate (batching); replaced pump recently	Investigate the need for upgrading the PAC dosing system, as part of treatment plant upgrade project.	
165	Coonabarabran	Disinfection	Minor works	Install scales for chlorine gas cylinders and connect to SCADA.	4.4	Equipment Capability & Maintenance	CWT report May-15		May-2015	Medium	Supervisor Treatment	24-Apr-20	31-Mar-20		Complete		(Section 4.2.5, p.15)	Scales are installed, not connected to SCADA 24/4/20: Marked as complete, scale installed. Connection to SCADA included as part of action 328)		
166	Coonabarabran	Fluoridation	Operations	Check service water for fluoride system is within required quality limits and softener in working effectively.	4.4	Equipment Capability & Maintenance	CWT report May-15		May-2015	Medium	Manager Warrumbungle Water	24-Apr-20	30-Jun-20		Closed		(Section 4.2.6, p.16)	24/4/20: Within HunterH2O project. Project is progressing. Closed, included under Action 346. Change to LOW	To be included as part of task 4 Hunter H2O NSW Health project	
167	Coonabarabran	Fluoridation	Minor works	Modify fluoride saturator outlet pipework.	4.4	Equipment Capability & Maintenance	CWT report May-15		May-2015	Medium	Manager Warrumbungle Water	24-Apr-20	30-Jun-20		Closed		(Section 4.2.6, p.16)	24/4/20: Within HunterH2O project. Project is progressing. Closed, included under Action 346. Change to LOW	To be included as part of task 4 Hunter H2O NSW Health project	
168	BAR, BIN, CBN, MDN	Filtration	Operations	Consider maintenance program for the filters	4.4	Equipment Capability & Maintenance	Risk assessment	5.01	Mar-2015	Medium	Manager Warrumbungle Water	24-Apr-20	31-Mar-20	confirm with HH2O	Closed			13/12/19: Confirmed that maintenance schedules is to be undertaken as part of Hunter H2O NSW Health project (Task 4) 24/4/20: Within HunterH2O project. Will follow fluoridation project. Action closed and includes as part of action 340	To be included as part of task 4 Hunter H2O NSW Health project	
169	BAR, BIN, CBN, MDN	Filtration	Investigations	Consider online turbidity meter with interlocks at BWY, BDN Consider interlocks for meters at CBN and MDN	4.4	Equipment Capability & Maintenance	Risk assessment	5.01	Mar-2015	Medium	Manager Warrumbungle Water	28-Feb-20			Closed			Closed, as part of automation project (action 328)	To be included as part of process monitoring, automation and instrumentation project (action 328)	
170	All	Disinfection	Operations	Consider program of analyser calibration	4.4	Equipment Capability & Maintenance	Risk assessment	7.01	Mar-2015	Medium	Manager Warrumbungle Water	27-Aug-19			Closed			Closed, covered by action 191		
171	Mendooran	Disinfection	Investigations	Investigate installation of chlorine mixer for batching or replacement with chlorine gas	4.4	Equipment Capability & Maintenance	Risk assessment	7.01	Mar-2015	Medium	Supervisor Treatment	24-Apr-20	30-Sep-20	Interim (finish concept design)	Closed			24/4/20 To be upgraded to gas Action closed, as now covered into new combined Action 345	Part of Mendooran upgrade project (A345) Confirm current mixing process.	
172	Mendooran	Documentation / Protocol	Documentation	That WSC investigate and implement a formalised preventative maintenance program for all the WTP, reticulation and reservoir assets.	4.4	Equipment Capability & Maintenance	Mendooran Boil Water Alert 2017	MBWA2017	2017	Medium	Manager Warrumbungle Water; Supervisor North; Supervisor South	24-Apr-20		Following H2O project to develop schedules	Closed		NSW Health has advised their intention to engage a consultant to develop a WTP Maintenance Schedule.	Maintenance schedules to be developed for WTP by Hunter H2O (NSW Health project). 24/4/20: HunterH2O project only looking at treatment. Action closed and includes as part of action 340	Preventative maintenance program to be formalised for reticulation and reservoir.	
173	Binnaway	Fluoridation	Minor works	Arrange for cleaning of fluoride saturator (considering hazardous nature of material).	4.4	Equipment Capability & Maintenance	Bligh Tanner report Feb-16		Feb-2016	Very high	Manager	24-Apr-20	31-Mar-20	wait for HH2O	Closed	2018-05: Being arranged for by LMWUA		Covered by action 332 (NSW Health project) 13/12/19: HunterH2O project (Task 4a) 80% complete, waiting for approval from DPIE to complete works 28/2/20: Internal meeting today with Health on design. Scheduled a workshop in March to present design 24/4/20: Action closed and included as part of action 346	To be included as part of action 332 (replace fluoridation systems) ADD and close	
174	BAR, CBN, MDN	Reservoirs	Investigations	Consider investigating the status of other reservoirs (MDN, BDN, CBN)	4.4	Equipment Capability & Maintenance	Risk assessment	9.02	Mar-2015	Medium	Manager Warrumbungle Water		30-Jul-19		Closed			Closed as covered by actions action 63, 66, 136		
175	All	Distribution	Major works	Replace old water meters with new water meters including backflow prevention devices	4.4	Equipment Capability & Maintenance	Risk assessment	10.01	Mar-2015	Medium	Manager Warrumbungle Water	27-Aug-19			Implemented			Program of replacement of water meters in place (1/3 to be completed FY19/20)		
176	Baradine	Clarification	Major works	Replace the clarifier.	4.4	Equipment Capability & Maintenance	Bligh Tanner report Feb-16		Feb-2016	Medium			27-Aug-19		Closed		2018-05: Safe and Secure EOI approved for 'Baradine WTP Upgrade', 2019-05: SSWP funding granted	Approval for funding for clarifier. Waiting for s60 endorsement and funding endorsement by DoI Water. Closed, covered by action 192		
177	Mendooran	Reservoirs	Minor works	That WSC investigates the installation of an inline booster pumping station on the outlet of the Standpipe reservoir to provide sufficient water pressure for a regular watermain flushing program to be implemented, to improve the water supply system's firefighting capacity and reduce overall water age by only storing water volumes sufficient to meet peak day demands.	4.4	Equipment Capability & Maintenance	Mendooran Boil Water Alert 2017	MBWA2017	2017	High	Supervisor South	22-Jan-19			Implemented			Included in S&S funding (R1)		
178	Mendooran	Manganese removal	Minor works	Re-configure potassium permanganate dosing arrangement to allow 5 min contact with raw water prior to addition of PACl.	4.4	Equipment Capability & Maintenance	CWT report May-15		May-2015	Very High	Manager Warrumbungle Water	24-Apr-20	30-Sep-20	Interim (finish concept design)	Closed	2016-10: (Section 4.2.1, p.8/9); currently dosing points not separated, suggestions: move KMnO4 to raw water pumping station OR install 5000L oxidation tank above aerator (cascades) 2018-05: part of S&S funding application (Incident Review recommendation #)		Covered under Mendooran upgrade project. Currently out for tender. First stage is a scoping study (ID 48). Could be covered under the raw water blend tank from left over funding 13/12/19: Consultant engaged to undertake concept design (site visit has already been undertaken - Nov 2019) 28/2/20: Have provided a report. Project manager has been engaged to review the documents. Have engaged with DPIE on funding options. Have not yet been advised if funding has been allocated. Action closed, as now covered into new combined Action 345		
179	Mendooran	Disinfection	Minor works	Provide increased pumping capacity for chlorine dosing for disinfection.	4.4	Equipment Capability & Maintenance	CWT report May-15		May-2015	High	Supervisor South	27-Jun-19			Closed			2016-10: (Section 4.2.5, p.16 of CWT report), dosing system (provide 5 mg/L @ 5%) not designed for diminishing chlorine strength --> pump max rate reached without reaching target dose	No longer an issue (following regular cleaning of pipes)	
180	Coonabarabran	Filtration	Investigations	Inspect the filter media and compare to design details (top up where necessary).	4.4	Equipment Capability & Maintenance	CWT report May-15		May-2015	High	Supervisor North	27-Jun-19	31-Oct-19		Complete			2016-10: (Section 4.2.4, p.13 of CWT report)	Inspection complete	
181	Coonabarabran	Disinfection	Minor works	Install standby rotameter and eductor for chlorine dosing system.	4.4	Equipment Capability & Maintenance	CWT report May-15		May-2015	High	Supervisor North	27-Jun-19			Complete			2016-10: (Section 4.2.5, p.15 of CWT report)	Chlorine room has been upgraded (April 2019)	
182	Binnaway	Filtration	Investigations	Check filter media depth against design requirements	4.4	Equipment Capability & Maintenance	Risk assessment	5.01	Mar-2015	High	Manager Warrumbungle Water; Supervisor South	27-Jun-19			Complete				Filter inspection undertaken (2017) and filter media replaced (June 2018)	
183	Dunedoo	Reservoirs	Minor works	Bullindah reservoir roof replacement (currently planned)	4.4	Equipment Capability & Maintenance	Risk assessment	9.01	Mar-2015	High	Supervisor South	27-Jun-19			Complete				Replaced late 2015 Entry hatch replaced, sealing works (May 2019)	
184	Mendooran	Reservoirs	Minor works	Coolabah requires vermin proofing	4.4	Equipment Capability & Maintenance	Risk assessment	9.01	Mar-2015	High	Supervisor South	27-Jun-19			Complete				Complete May 2019	
185	Coolah	Reservoirs	Minor works	Wentworth Ave and Martin St Reservoirs requires vermin proofing	4.4	Equipment Capability & Maintenance	Risk assessment	9.01	Mar-2015	High	Supervisor South	30-Jul-19	15-Sep-19	complete 27/9/19	Complete				Martin St has been vermin proofed Wentworth Ave needs investigation (e.g. overflow) 27/9/19: Wentworth Ave has a flap on O/F (on each tank)	
186	Coolah	Reservoirs	Minor works	Wentworth Ave Reservoir requires sealing	4.4	Equipment Capability & Maintenance	Risk assessment	9.01	Mar-2015	High	Manager Warrumbungle Water	24-Apr-20	30-Jun-20		Complete				28/2/20 - Wentworth Ave has been sealed, one spot still to be fixed (WEARS are coming back to be fixed) 24/4/20: Area has been backfilled.	
187	Baradine	Reservoirs	Minor works	Clear water tank requires vermin proofing	4.4	Equipment Capability & Maintenance	Risk assessment	9.01	Mar-2015	High	Supervisor South	27-Jun-19			Complete				CWT has been sealed	

No	Location	Process step	Category	Action	ADWG No.	ADWG Element	Source	Haz ID / Source number	Date added	Priority	Action Owner	Date reviewed	Due date (revised)	Due date notes	Status	Comments	Comments 29/08/18	Comments 27/6/19 & 30/7/2019 & 27/8/2019; 27/09/2019; 13/12/19; 28/2/20; 24/04/2020; 24/7/20; 24/11/20	Short term actions	Resource requirements	
188	BUG, DUN, MDN	Information System Protocols	Documentation	Develop a list of equipment for the site and obtain operation and maintenance manuals from equipment suppliers. Store manuals on site	4.4	Equipment Capability and Maintenance	Hunter H2O Audit 2014	BUG004, DUN006, MEN004	2014	Medium	Supervisor North, Supervisor South	30-Jul-19			Closed		Equipment operation and maintenance manuals are currently not stored onsite. This can delay equipment repair and troubleshooting times when required.	Closed covered by action 340	To be included as part of action 340 (development of WTP maintenance schedules)		
189	BWY	Filtration	Operations	Ensure DP cells are functional and reading correctly. Modify PLC code to allow filter backwashes to be initiated by either filter run time, filter headloss or filtered water turbidity	4.4	Equipment Capability and Maintenance	Hunter H2O Audit 2014	BWY006	2014	Medium	Supervisor Treatment	30-Jul-21	31-Dec-21		In progress		Filter backwashes are only initiated by the filter run time setpoint regardless of the filter performance	24/4/20: PLC upgrades in budget for next financial year. Can add headloss, this will require metering. 30/7/21: PLC upgraded, however additional programming/hardware purchase (DP cells) not yet undertaken	To be included as part of treatment plant upgrade		
190	BDN, BWY, BUG, CLH, DDO, KBI	Information System Protocols	Documentation	Identify critical equipment and develop procedures to maintain, repair and replace equipment as necessary	4.4	Equipment Capability and Maintenance	Hunter H2O Audit 2014	BDN003, BWY003, BUG003, CLH005, DDO005, KBI03	2014	Medium	Manager Warrumbungle Water, Supervisor Treatment	30-Jul-21	31-Oct-21		Closed	No current asset maintenance plan exists.		NSW Health project to include operation and maintenance schedules at WTPs. No asset management plan. 13/12/2019: To complete a criticality assessment, North is known (but not formalised) 28/2/20: Director Technical Services and Director Corporate and community Services are responsible for the asset management plan. Not yet looked at water. Current spares are known informally. Priority reduced to medium, as this is a matter of formalising what is known. 24/4/20: Critical spare list in development. All sites have whiteboards, with daily, monthly, yearly maintenance. Are arranging servicing of pumps with contractors 30/7/21: Critical spares list developed (on paper), needs to be recorded digitally/formalised within DWMS -> record under Asset Mgt and update when equipment is being serviced (sewer pumps); item added to A340	Identify current spares / replacement equipment at each site (Treatment Supervisor). Clarify asset management plan progress / status (Manager) Confirm timeline for schedules (Manager) Critically assessment (to identify critical spares) Get quotes to undertake assessment (Manager)	Consultant; Project Management resourced needed	
191	BAR, BWY, CLH	Laboratory equipment	Operations	Perform appropriate scheduled maintenance and calibration of lab equipment according to the equipment manufacturer/supplier's recommendations	4.4	Equipment Capability and Maintenance	Hunter H2O Audit 2014	BAR013, COO014, BIN011	2014	High	Supervisor Treatment, Technical officer	24-Jul-20	30/04/2020	To undertake calibrations	Implemented	Minimal or no maintenance is carried out by the operators		Annual maintenance and calibration is being carried of instruments and lab equipment, undertaken by contractors (last done in May - due to be completed) 27/9/19: AM had sent new bores equipment to SS but still need model numbers; SS to liaise with supervisors to that list for quotes can be compiled (excluding equipment that we calibrate ourselves) 13/12/19: Quote has been received, Partial list has been compiled. SS to add remaining locations and check with Supervisors 28/2/20: Internal board set up at CBN of frequency of maintenance and calibrations for operators to undertake and sign off on. To be set up at all sites. Photos to be taken regularly of board to ensure records of compliance. List has been compiled and quotes received. Contractor to be engaged and date scheduled for works 24/7/20: IPAC calibrations completed in March	Take photos (Supervisor) of calibration and maintenance boards and setup folder for photos in InfoXpert, e.g. "instrument and equipment maintenance" under DWMS (Tech Officer) --> will go Jacinta's task list		
192	Baradine	Clarification		The council is in the process of engaging contractors to identify and implement an appropriate repair or upgrade	4.4	Equipment Capability and Maintenance	Hunter H2O Audit 2014	BAR005	2014	High	Manager Warrumbungle Water	24-Jul-20	30/06/2020		Closed	The clarifier is showing signs of deterioration and the wall thickness at various points is low due to corrosion.		Approval for funding for clarifier. Waiting for s60 endorsement and funding endorsement by DoI Water. 13/12/19: Dependent on outcomes of review of need for plant upgrade/replacement 28/2/20: See action 78 & 68 24/7/20: closed as included in new action A350			
193	Mendooran	Manganese removal	Operations	Begin dosing chlorine into the filters, targeting a residual of 0.1 mg/L in the filtered water outlet.	4.4	Equipment Capability & Maintenance	CWT report May-15		May-2015	Very High		29-Aug-18			Closed	(Section 4.2.4, p.15), multi-barrier approach to removing Mn (aim: keep MnO2 coating in oxidised state on filter media, prevent reduction back to soluble form)	Not required: WTP ops under control with regular jar testing + correct dosing rates; Fe/Mn efficiently removed				
194	CBN	pH corrections (pre-coagulation)	Investigation	Investigate the need for raw water softening and possible alternate chemicals for pH correction.	4.5	Materials & Chemicals	CWT report May-15		May-2015	Low	Supervisor Treatment	30-Jul-21	30-Sep-20 interim		Complete	2016-10: (Section 4.2.1.2, p.10 of CWT report)		27/9/19: meanwhile bore water in use, which is very soft; however most dosing problems overcome (maintenance, different pumps); investigate changing to soda ash from lime (lime cheaper but soda ash dissolves in water); changed priority to LOW 24/4/20: Still to be investigated 30/7/21: can be done but greater ops cost with soda ash vs lime + capital to implement; no apparent benefit with equipment being maintained regularly	Check CWT for action details; get costs for soda ash to compare + investigate cost/requirements for change over		
195	MDN	Disinfection	Operations	Commence regular chlorine batch concentration monitoring.	4.5	Materials & Chemicals	CWT report May-15		May-2015	Very High	Supervisor Treatment	30-Jul-21	30-Sep-21		In progress	(Section 4.2.5, p.16 of CWT report) 2018-05: Operator requires on-site training; Supervisor South; SS do drop tests with Stephen Drew (do each time when dose rate is changed, e.g. when swap river/bore water; min weekly)	should test what we receive + do drop test on pump + check PLC; need updated operational sheet; check PLC code for correct dose rate	Operators are testing when chemicals received. 27/9/19: GR to notify SD + verify that there is room in log book (SS) 13/12/19: Investigating equipment to test batch chlorine 28/2/20: Still to be investigated, procedure to be developed and staff to be trained. Long term to be replaced by gas. 24/7/20: HH2O sent through an easy procedure, however implementation/operator training outstanding [result will be put in comments section on spreadsheet]; to be done weekly 24/11/20: no progress 23/3/21: further operator training required + to be scheduled 30/7/21: TL Treatment Nth to follow up on/continue operator training	Procedure to be formalised (including space for test to be recorded and frequency); Supervisor to review action plan on a regular basis, at least monthly		
196	All	Documentation / Protocol		Confirm whether Council's supplier contracts include chemical quality compliance.	4.5	Materials & Chemicals			Sep-2015	Medium	Supervisor Treatment	30-Jul-21	30-Jun-20		Complete			13/12/19: Contracts to be investigate 24/4/20: CW has sent request for contract, have not yet had response 30/7/21: delivery docket provides concentration spec of delivered chemical as per purchase order, operator checks on receipt	Contact appropriate person to get a copy of procurement contract		
197	All	Documentation / Protocol		Develop a program to undertake spot checks for chemical quality compliance.	4.5	Materials & Chemicals			Sep-2015	Medium	Manager Warrumbungle Water	30-Jul-19			Closed			Not considered to be required due to use of reputable and operator monitoring. Issues investigated as required.			
198	All	Disinfection	Investigations	Consider testing of hypochlorite strength	4.5	Materials & Chemicals	Risk assessment	7.01	Mar-2015	Medium	Manager Warrumbungle Water	30-Jul-19			Closed			Undertaken at Mendooran. Chlorine analyser to be installed, no longer necessary at other sites.			
200	Mendooran	Distribution	Operations	Operators should be filling out the plant record sheets. Where equipment is not working or requires replacement/repair, this should be done as a matter of priority. This includes the following: 1. pH meter, 2. pH buffers, 3. Chlorine test reagents, 4. On line raw water turbidity meter.	5.1	Drinking Water Quality Monitoring	DPI Inspections	DPI MEN010	Jan-2019	High	Supervisor South	27-Aug-19			Implemented		The current level of plant performance recording at the plant is unsatisfactory.	Plant records are now being filled out. Supervisor and Technical Officer review that sheets are completed.			
201	Binnoway	Iron and manganese issues	Operations	Reconfigure the chlorine dosing to allow for the installation of a calibration tube to facilitate the measurement and recording of chlorine dosages. The operator would also need to calculate hypochlorite strength in order to calculate the chlorine dosage.	5.1	Drinking Water Quality Monitoring	DPI Inspections	DPI BIN006	Jan-2019	High	Supervisor South	27-Aug-19			Complete			Dosing was reconfigured, for iron and manganese issues (early 2019)			
202	Binnoway	Disinfection	Minor works	Install a larger calibration tube to allow for the volumes required over a three minute test (based on current dose rates). It is estimated that a five hundred or thousand millilitre calibration tube would be appropriate. Whilst the current calibration tube allows for a very quick snapshot of dose rates a larger tube would facilitate more accurate setting of dose rates and data recording.	5.1	Drinking Water Quality Monitoring	DPI Inspections	DPI BIN008	Jan-2019	Medium	Supervisor Treatment	24-Nov-20	30-May-20	had no due date	Closed			A drop test was carried out to check the alum dosage. The calibration tube should be sized to allow for three minute drop tests to facilitate accuracy of measurement.	27-9-19: GR to order equipment as required (SS can help if required) 24/4/20: Equipment still to be ordered 24/11/20: covered under (A349)	Equipment to be ordered and installed	

No	Location	Process step	Category	Action	ADWG No.	ADWG Element	Source	Haz ID / Source number	Date added	Priority	Action Owner	Date reviewed	Due date (revised)	Due date notes	Status	Comments	Comments 29/08/18	Comments 27/6/19 & 30/7/2019 & 27/8/2019; 27/09/2019; 13/12/19; 28/2/20; 24/04/2020; 24/7/20; 24/11/20	Short term actions	Resource requirements
203	Binnaway	Distribution	Minor works	Ensure that staff have the necessary testing equipment available on site to test for aluminium to ensure the process is maintaining aluminium residuals within drinking water guideline levels. W	5.1	Drinking Water Quality Monitoring	DPI Inspections	DPI BIN009	Jan-2019	High	Technical officer	13-Dec-19	4-Oct-19	Interim was 13/09/19	Complete		Water quality testing was carried out in Binnaway with the following results: The pH was noted as being slightly high in the sedimentation lagoon. A pH range of between 6 and 7 is expected with alum dosing. If there is no aluminium carry over from the settlement process then the higher pH is of no concern, however if aluminium carry over is detected this is expected to be remedied by lowering the pH in the sedimentation lagoon. The water samples sent for analysis will be tested for	Equipment has capability to test for aluminium. Reagents not currently available on site. 27/9/19: assess what is required for testing and/or order reagents from HACH next week (check lab test equipment manual) 13/12/19: Reagents have been delivered. Operators to review SOP.	Ensure necessary reagents are available and operators are trained (to SOP)	
204	Mendooran	Operations		A new sampling site be created for the correct monitoring locations in Bandulla street. Sample site 123 (57 Bandulla Street) can then be archived.	5.1	Drinking Water Quality Monitoring	Mendooran Boil Water Alert 2017	MBWA2017	2017	Medium	Supervisor South	22-Jan-19			Complete					
205	All	Documentation / Protocol		That WSC develop and implement a "Drinking Water Quality Monitoring Plan" which formalise staff/role responsibilities, authorities reporting and communication protocols and review existing procedures for sampling and testing. The monitoring plan should be built based on the NSW Health Drinking Monitoring Plan (available on the NSW Health website).	5.1	Drinking Water Quality Monitoring	Mendooran Boil Water Alert 2017	MBWA2017	2017	High	Manager Warrumbungle Water	30-Jul-21	TBD		In progress		DWQ Monitoring Plan	13/12/19: Consultant has provided a proposal to develop verification proposal 24/7/20: dependant on 206 25/3/21: as above (can get consultant to do DWQ Monitoring Plan once we have Verification Plan)	To follow on from action 206 Engage consultant to develop verification monitoring plan	Consultant
206	All	Documentation / Protocol		Formally document all drinking water quality monitoring protocols and combine into a formal Water Quality Verification Plan. Including (A294): There was discussion around who collects the reticulation samples and analyses them before they are sent to FASS. The Councils Environmental Health Office collects and tests the samples. There have been some issues with samples being collected at the wrong location. It was recommended that Council develop a procedure that includes photos and GPS locations to ensure that samples are always collected at the correct location.	5.1	Drinking Water Quality Monitoring			Mar-2015	High	Environmental Compliance Officer	30-Jul-21	TBD	Interim (new sampling sites)	In progress			Information for plan is in process of being collected. 27/9/19: info needs to go on T-drive; some photos still need to be taken; sample sites require updating (+photos added) + incident flowcharts added 13/12/19: Proposal from consultant to develop verification proposal 28/2/20: No progress 24/7/20: Jacinta Green (consultant) to address - CW needs to engage, meanwhile WQ monitoring protocol to be updated by JG (Tech Officer interim) with AM and Jesse R 25/3/21: Supervisor Treatment/Retic (currently vacant) to liaise with EHO (currently vacant) and NSW Health on new sampling sites (sampling at mains); from it the WQ Verification Plan can be developed/finalised by Tech Officer/EHO; refresher on DW sampling for rangers and other Ops staff being arranged	Develop draft Water Quality Verification Plan with site locations (and photos). Investigate changing site numbers in NSW Health database. Engage consultant to develop verification monitoring plan (A205)	
207	BAR, BIN, CBN	Fluoridation	Operations	Confirm process on extracting data from NSW Health Water Quality Database	5.1	Drinking Water Quality Monitoring	Risk assessment	8.01	Mar-2015	High	Technical officer	30-Jul-19			Implemented			Data is downloaded from database and uploaded onto Councils website on a monthly basis by the Technical Officer		
208	Mendooran	WTP	Operations	Perform jar tests to determine optimum coagulant dose rates and mixing configurations. Investigate (by performing jar tests) using separated dosing diffusers for improved efficiency of both coagulation and metal removal	5.1	Drinking Water Quality Monitoring	Hunter H2O Audit 2014	MEN006	2014	Medium	Supervisor South	27-Aug-19			Implemented			Poly aluminium chloride and potassium permanganate are both dosed through the same diffuser into the top of the aeration stairway	Currently undertaking jar tests. Draft jar testing SOP has been developed. Jar testing training to be undertaken at Coonabarabran (September 2019)	
209	BAR, BIN, CLH	Information Systems	Operations	Enter data at the plant on a daily basis. This will require a local pc with network connection. Data to be used for the following purposes: - Alarms generated if measured values are outside of required parameters (this includes water quality and chemical stock levels) - Monitor chemical dose rates and usage and compare to plant performance and water quality to identify potential efficiency improvements	5.1	Drinking Water Quality Monitoring	Hunter H2O Audit 2014	BAR001, BIN001, COO002	2014	High	Supervisor North; Supervisor South	28-Feb-20			Closed	Daily data sheets are stored electronically at the shire office. Therefore the following is not possible: - Fast and easy access to historical results - Ability to use collected information for efficiency improvements - Automated alarms based on water quality parameters	Data entered electronically. Closed as covered by automation project (action 328).	To be included as part of process monitoring, automation and instrumentation project (action 328)		
210	CLH	Information Systems	Operations	Implement routine monitoring of daily and instantaneous chlorine gas usage and plant flow rates. Perform calculations to determine instantaneous and daily chlorine dose rate. Installing scales for the chlorine cylinders to stand on will allow for daily chlorine usage to be measured. --> complete	5.1	Drinking Water Quality Monitoring	Hunter H2O Audit 2014	CLH004	2014	High	Supervisor Treatment; Technical officer	30-Jul-21	31-Oct-21		In progress	Chlorine gas and treated water instantaneous flow rate measurements are not being recorded when operators are onsite. Measuring and monitoring of instantaneous chlorine dose rate and plant flow can provide confirmation of chlorine dose rate	Scales have been installed. Daily monitoring in reticulation. 28/2/20: Flow is being recorded when operators are onsite (has been for some time). Coolah flow is not variable unless change bore source (diff pump). 24/7/20: to be included in next update of carbon copy books, can be recorded in comments section meanwhile - for this new calculation in spread sheet required 24/11/20: chlorine gas bottle weights meanwhile recorded on daily ops sheets; Ops sheet to be update (+ down the track: carbon copy books) 25/3/21: with currently recorded data, daily usage can be recorded; operators to record instaneous chlorine dose rate on site -> Supervisor to liaise with Tech Officer for spreadsheet calculations, future carbon copy books have been agreed on; will be easier with telemetry in place 30/7/21: formula for daily usage to be added to Tech Officer ops record sheet; rotameter on site for instantaneous rate - need to set up another column on carbon copy book	Bottle weights to be recorded on sheet and calculation added. Supervisor and Tech Officer to review and update sheet.		
211	Mendooran	Iron and manganese issues	Operations	Perform jar testing to determine optimum manganese removal dosing configurations	5.1	Drinking Water Quality Monitoring	Hunter H2O Audit 2014	MEN009	2014	High	Supervisor South	27-Jun-19			Implemented	The plant experiences high manganese levels	Implemented from December 2017			
212	Binnaway	Online monitoring	Critical control point	Consider implementing online monitoring of critical water quality parameters including - Raw water pH - Raw water turbidity - Filtered water turbidity - Treated chlorine residual	5.1	Drinking Water Quality Monitoring	Hunter H2O Audit 2014	BIN010	2014	High	Supervisor South; Project Engineer; Manager Warrumbungle Water	28-Feb-20	30/03/2020	had no due date	Closed	Currently no online monitoring exists of the process. Issues with pH changes during weather events have historically caused operational issues	Funding granted from Safe and Secure for scoping study of automation. Action progressed under action 328 Have received quotes for online monitoring of chlorine; 27/9/10: GR consider online NTU meter (filtered water) for now - check with what CBN is getting 13/12/19: Will need a new PLC to purchase/install online analysers 28/2/20: Teleconference workshop in December 2019 (automation project). Closed as covered under A328.	To be included as part of process monitoring, automation and instrumentation project (action 328) Receive audit report from consultant		
213	Coonabarabran	Process monitoring	Operations	Record and monitor 24-hr chemical usage and plant flow. This data will highlight plant performance and assist in identifying trends and possible dosing issues.	5.1	Drinking Water Quality Monitoring	Hunter H2O Audit 2014	COO013	2014	High	Technical Officer	13-Dec-19	31/01/2020		Complete	24 hour chemical usage verse flow calculations are not performed	27/9/19: can be done before 30/09 13/12/19: Calculation still to be added. 28/2/20: Calculation to be added			
214	BUG, KBI	Routine testing	Monitoring	Initiate daily sampling and testing of the town distribution system. Tests should include free chlorine residual, pH and turbidity. This will improve response times to water quality issues. Data collected can also be used for future planning and adjustments to the daily operating set points.	5.1	Drinking Water Quality Monitoring	Hunter H2O Audit 2014	BUG005, KBI005	2014	High	Supervisor Treatment; Technical Officer	30-Jul-21	31-Dec-21		In progress	To ensure treated water quality complies with the Australian Drinking Water Guidelines (ADWG), water quality monitoring of the town distribution system must occur. Currently chlorine residual levels are measured weekly	Currently being undertaken 2-3/week. Chlorine analysers are installed, to be bought online. 13 December 2013: Analysers have been installed, not yet linked to shut pump down 28/2/20: Analysers to be linked to telemetry at the end of next week and text message alarm sent. 24/7/20: BDN operator going out 3 x week to test water at bore + 1 x week in retic (pH/chlorine; NTU to be added - instrument to be provided & to be recorded on spreadsheet); chlorine analysers set-up to send txt message alarms (interlock with bore pump hence not required) 24/11/20: NTU meter available now (as well as pH meters); Tech Officer to create carbon copy books for BUG/KBI (currently only one space on CBN sheet for chlorine read weekly); bore flow reading will be recorded as well 25/3/21: AM to liaise with FS (new Tech Officer) on the proposed new books 30/7/21: once telemetry is up and running, chlorine, pH and temperatu will be online; turbidity will be measured on site once/week (templates done for new carbon copy books) as the small scheme does not justify operator involvement more than that.	Develop new carbon copy book for BUG/KBI each with pH/chlorine/NTU (can be left on site + include flow meter in future) - AM will forward draft to Tech Officer		

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215	Dunedo	Routine testing	Monitoring	Collect water samples from the distribution system and test for: - Free chlorine residual - pH - Turbidity Results may dictate if dosing rate changes are required to be made at the treatment plant.	5.1	Drinking Water Quality Monitoring	Hunter H2O Audit 2014	DUN008	2014	High	Technical Officer	13-Dec-19	4/10/2019	was 31/8/19	Complete	Water quality testing of the distribution system is currently not being performed		Daily pH and chlorine recorded daily and entered into spreadsheet weekly Weekly turbidity not yet entered. Some sheets still to be modified to include turbidity. 13/12/19: Spreadsheet has been modified and turbidity is being entered		
216	Coonabarabran	Sedimentation Ponds	Operations	Monitor the sedimentation ponds daily for contamination sources such as dead animals	5.1	Drinking Water Quality Monitoring	Hunter H2O Audit 2014	COO012	2014	High	Supervisor North	28-Feb-20	28-Feb-20	Interim	Closed	Due to the sedimentation ponds being in an open area there is a risk of contamination from the wildlife		Daily walk around includes lagoons 13/12/19: Hunter H2O SOPs to be used as template. Supervisors to identify which other SOPs are required once we receive the ones from HH2O - then get quote f to develop the rest 28/2/20: Closed as covered by new action 339	To be included as part of action 339 develop SOPs system wide	
217	Dunedo	Water Quality Targets	Operations	Monitor the chlorine residual daily and adjust the dose rate to maintain a consistent residual	5.1	Drinking Water Quality Monitoring	Hunter H2O Audit 2014	DUN007	2014	High	Supervisor South	27-Jun-19			Complete	The chlorine dose rate is not regularly adjusted to control the treated water chlorine residual		Daily chlorine recorded daily and entered into spreadsheet weekly		
218	All		Monitoring	Consider providing water quality data in water rate notices to customers	5.3	Short-term evaluation of results			Sep-2016	Low	Manager Warrumbungle Water	27-Aug-19			Closed			Currently provided on Council website.		
219	Mendoo	Distribution	Monitoring	That the onsite sampling and testing conducted by the EHO includes turbidity and these field results are provided to the WTP operators on the same day that FASS samples are collected.	5.3	Short Term Monitoring of Results	Mendooran Boil Water Alert 2017	MBWA2017	2017	Medium	Supervisor South	22-Jan-19			Complete					
220	Mendoo	Distribution	Documentation / Protocol	That WSC update the daily water quality log sheets to include turbidity and temperature, and CCP limits and actions to be taken if the CCP limits are exceeded. This will prompt the WTP operator to take appropriate actions and notifications if results are above the alert or critical limits. That the WTP operators use a simple system, where they colour in the results (using highlighter pens) to identify where the results lie within the CCP ranges.	5.3	Short Term Monitoring of Results	Mendooran Boil Water Alert 2017	MBWA2017	2017	High	Supervisor South	22-Jan-19			Complete					
221	BUG, KEN		Documentation / Protocol	Record customer complaints in water quality monitoring spreadsheets for Bugaldie and Kenebri water supply systems.	5.3	Short-term evaluation of results			Sep-2015	Medium	Manager Warrumbungle Water	30-Jul-19			Complete			All customers complaints are recorded in a database 'Complaints and Enquiries'.		
222	All	Information Systems	Operations	Implement regime of regular (daily) review of raw and treated water quality results, and input operational data into an electronic spread sheet to facilitate analysis and reporting.	5.3	Short-term evaluation of results			Mar-2015	High	Manager Warrumbungle Water	30-Jul-19			Implemented			Data entered electronically. Daily review of data by operator (manual highlighting of data outside trends) Fortnightly review of CCP data (exceedance summaries), sent to Supervisors and Manager and reviewed in operations meeting. Quarterly DWMS reviews undertaken Monthly report to General Manager of CCP exceedances. Action to formalise schedule covered under action 285.		
223	All		Documentation / Protocol	Establish a rapid communication system (for internal and external communication) to deal with unexpected events. It is recommended this be included in the Emergency Response Plan that is addressed below.	5.4	Corrective Action			Sep-2014	Very high	Manager Warrumbungle Water	28-Feb-20	31-Mar-20		Closed	Draft ERP developed by Bigher Tanner in Jan-16; ERP needs to tie in with BCP Get proposals from consultants (need key players); needs to fit in with BCP	BL: Narramine did something similar; NSW Health to follow up re funding? 28/2/20 - Progress delayed (prioritised filter inspection)	To be included as part of ERP update (action 341)		
224	All		Documentation / Protocol	Consider implementing a procedure in consultation with local hospitals to ensure dialysis patient details remain UpToDate.	6.1	Communication			Jun-2016	Low	Technical Officer	24-Mar-21	31-Mar-19	Interim	Closed			Finalisation of ERP to be included as part of NSW Health project. List of dialysis patient previously investigated. 28/2/20: List developed in liaison with Dubbo Hospital (A229). Process still to be developed 24/04/20: Contact list still to be added as a register in authority 24/7/20: referred to in action A341	Refer to action 229 (obtain list of patients) Develop process for distribution and allocate responsibility of keeping document current. Add register to Authority.	
225	All		Documentation / Protocol	Define communication protocols with the involvement of relevant agencies and include in the protocols a contact list of relevant agencies and businesses and their relevant key people.	6.1	Communication			Sep-2015	Medium	Manager Warrumbungle Water	24-Apr-20			Closed			24/4/20: Closed, included as part IERP development under Action 341.		
226	All		Documentation / Protocol	Review and update contact details listed in Table 10.	6.1	Communication			Jun-2015	Medium	Manager Warrumbungle Water	24-Apr-20			Closed			24/4/20: Closed as included under Action 334		
227	All		Documentation / Protocol	Develop a comprehensive public and media communications strategy and include draft public and media notifications.	6.1	Communication			Jun-2015	Medium	Manager Warrumbungle Water; Admin Support	03-Aug-21	TBD		In progress			24/4/20: Carol (Admin support) to arrange the development of a communications strategy (to include restriction advice) 3/8/21: with resignation of Coolah admin officer no admin support available any longer to WW -> will need to outsource to consultant in liaison with Manager Corporate		
228	All		Training	Identify an appropriate person to handle all incident and emergency communications and ensure they are appropriately trained.	6.1	Communication			Jun-2015	Medium	Manager Warrumbungle Water	28-Feb-20	31-Mar-20	Interim (Hunter H2O proposal not yet scoped)	Closed			To included as part of updated incident response plan 13/12/19: Confirmed that development of ERP is to be undertaken as part of Hunter H2O NSW Health project. 20/2/20 - Closed and included as part of new action 341	Ensure that Hunter H2O (NSW Health project) ERP identifies appropriate person to handle incident and emergency communications	
229	All	Distribution	Documentation / Protocol	Obtain list of dialysis patients for each system	6.1	Communication	Risk assessment	10.02	Mar-2015	High	Technical Officer	28-Feb-20	14-Mar-20	Interim was 6/9/19 (get list of patients)	Complete			Finalisation of ERP to be included as part of NSW Health project. List of dialysis patient previously investigated. 13/12/19: Couldn't find existing list. SS is liaising with hospital to develop list 28/2/20: List developed in liaison with Dubbo Hospital.	Develop process for distribution and allocate responsibility of keeping document current. Add register to Authority (A224)	
230	Mendoo		Training	That WSC staff with NSW Health staff undertake regular, at least annually, familiarisation and/or training in the implementation of NSW Health's drinking water quality incident response protocols.	6.2	Incident and Emergency Response Protocols	Mendooran Boil Water Alert 2017	MBWA2017	2017	Medium	Manager Warrumbungle Water; HR	22-Jan-19			Complete					
231	Mendoo		Documentation / Protocol	That WSC implement a simple "Water Quality Monitoring Incident Report" sheet for WTP operators to complete if any field results fall outside of the ranges set out on the field monitoring log sheets.	6.2	Incident and Emergency Response Protocols	Mendooran Boil Water Alert 2017	MBWA2017	2017	High	Supervisor South	22-Jan-19			Complete					
232	Mendoo		Documentation / Protocol	That WSC review and finalise the DWMS Implementation Report (2016), so that the recommended "Emergency Response Plan" can be utilised for any future incidents and emergencies. It is recommended that an exercise of the incident response plan be organised with the PHU (mid-2018).	6.2	Incident and Emergency Response Protocols	Mendooran Boil Water Alert 2017	MBWA2017	2017	High	Manager Warrumbungle Water	28-Feb-20	31-Mar-20		Closed		ERP forms part of Councils and DMNW BCP.	Draft ERP Hunter H2O developing updated incident response plan (NSW Health project) 20/2/20 - Closed and included as part of new action 341 & 342	To be included as part of ERP update (action 341 & 342)	
233	All		Documentation / Protocol	Identify possible water quality related incidents and emergency scenarios (the risk assessment should be used as a basis) and document these potential scenarios in an Incident and Emergency Response Plan. Document procedures and response plans to address these incidents (can refer to guideline protocols from NSW Health as provided in the DWMS). Add to the ERP particular processes that are required to address severe hazard / emergency scenarios, such as algal blooms, fuel spills, bushfire etc. The development of these protocols should involve relevant agencies.	6.2	Incident & Emergency Response Protocols			Mar-2015	High	Manager Warrumbungle Water	28-Feb-20	31-Mar-20		Closed			13/12/19: Confirmed that development of ERP is to be undertaken as part of Hunter H2O NSW Health project. 20/2/20 - Closed and included as part of new action 341	To be included as part of ERP update (action 341)	
234	All		Documentation / Protocol	Develop a process for investigation following incidents and emergencies and document this process. Include in this process a mechanism for revision of any emergency protocols, where an investigation demonstrates it is required.	6.2	Incident & Emergency Response Protocols			Mar-2015	High	Manager Warrumbungle Water	28-Feb-20	31-Mar-20		Closed			13/12/19: Confirmed that development of ERP is to be undertaken as part of Hunter H2O NSW Health project. 20/2/20 - Closed and included as part of new action 341	To be included as part of ERP update (action 341)	
235	All		Documentation / Protocol	Develop a process for documenting and reporting of an incident or emergency.	6.2	Incident & Emergency Response Protocols			Mar-2015	High	Manager Warrumbungle Water	28-Feb-20	31-Mar-20		Closed			13/12/19: Confirmed that development of ERP is to be undertaken as part of Hunter H2O NSW Health project. 20/2/20 - Closed and included as part of new action 341	To be included as part of ERP update (action 341)	
236	All		Training	Employees should be trained and protocols regularly tested in the emergency response plans. The requirement for this should be included in the ERP.	6.2	Incident & Emergency Response Protocols			Mar-2015	High	Manager Warrumbungle Water	24-Jul-20	31-Mar-20		Closed			24/7/20: closed as included in action A341	To be included as part of ERP update (action 8)	
237	Mendoo		Documentation / Protocol	That WSC develop and implement procedures for all staff involved in sampling and monitoring which clearly reflect responsibilities in accordance with the DWMS, CCP limits and NSW Health protocols for monitoring water quality incidents. This would include investigations and appropriate remedial actions of any Total Coliform detections and to also follow CCP corrective actions for any free chlorine level exceedances.	7.1	Employee Awareness and Involvement	Mendooran Boil Water Alert 2017	MBWA2017	2017	Medium	Manager Warrumbungle Water	22-Jan-19			Complete					
238	Mendoo		Critical control point	The DWMS CCP summary tables are reviewed, finalised and posted on the noticeboards at the WTP, kept in work vehicles and included in regular training sessions/toolbox talks, incident response protocol/training and included in the water quality monitoring procedures and log sheets.	7.1	Employee Awareness and Involvement	Mendooran Boil Water Alert 2017	MBWA2017	2017	High	Supervisor South	22-Jan-19			Complete					
239	Mendoo	Distribution	Operations	That the WSC include WTP operators and other staff involved in water supply activities to attend the Drinking Water Quality Meetings.	7.1	Employee Awareness and Involvement	Mendooran Boil Water Alert 2017	MBWA2017	2017	Medium	Supervisor South	22-Jan-19			Complete					
240	All		Training	All water management stakeholders must read and agree to abide by the principles of this DWMS. This includes adding this requirement to the role descriptions for Council employees moving forward.	7.1	Employee Awareness and Involvement			Jun-2015	Medium	OD	03-Aug-21			In progress			13/12/19: Previous quarterly water quality meeting have discussed importance DWMS. More recently facilitated improvement meetings have been undertaken for Supervisors/Managers. 24/4/20: Some position descriptions include reference to ADWG. Water quality awareness training to be carried out. Proposal received by consultant. 25/3/21: DWMS reference has been added to all PDs as part of re-structure 3/8/21: Final PDs did not appear to have relevant requirement in them - OD to adjust		

No	Location	Process step	Category	Action	ADWG No.	ADWG Element	Source	Haz ID / Source number	Date added	Priority	Action Owner	Date reviewed	Due date (revised)	Due date notes	Status	Comments	Comments 29/08/18	Comments 27/6/19 & 30/7/2019 & 27/8/2019; 27/09/2019; 13/12/19; 28/2/20; 24/04/2020; 24/7/20; 24/11/20	Short term actions	Resource requirements	
241	All		Documentation / Protocol	Consider developing operators communication strategy	7.1	Employee Awareness and Involvement			Jun-2015	Medium	Manager Warrumbungle Water	03-Aug-21	TBD		In progress			24/4/20: Proposal received by consultant. Roadmap to be developed about how information is handed over to operators. E.g. what information requires formal handover and documentation. 3/8/21: formalisation of strategy outstanding			
242	Mendooran	Staff Training	Training	Ensure staff are adequately trained	7.2	Employee Training	DPI Inspections	DPI MEN001	Jan-2019	High	Manager Warrumbungle Water; HR	13-Dec-19	30/03/2020	Interim	Closed			It is a requirement that water treatment plants be operated by suitably qualified staff i.e. Hold Cert 3 in Water Operations through TAFE or DoI Water operator training. The WTP is not a fully automated plant that requires no supervision. The plant (although some processes are automated) requires regular supervision, monitoring and maintenance by suitably qualified staff who report to the Manager of Water and Sewer.	Second operator from Binnaway is being trained to fill in for Mendooran staff. Structure is being finalised. Operators have Cert 3 in Water Operations. 13/12/19: Currently reviewing competencies and aligning with national certification framework, processes to identify any shortfalls in training 28/02/20: Are progressing the review with NCF. Have determined competency requirement for each plant determined by plant complexity/treatment. Gap analysis and training plan still to be completed. Closed as covered by action 249.	Review training requirements for Mendooran staff following restructure.	
243	MDN		Training	That WSC investigate and implements a process of its WTP operators to be certified under the National Certification Framework.	7.2	Employee Training	Mendooran Boil Water Alert 2017	MBWA2017	2017	Medium	OD	03-Aug-21	TBD		In progress			Ongoing with HR 13/12/19: Currently reviewing competencies and aligning with national certification framework, processes to identify any shortfalls in training 24/4/20: Review has been undertaken and training plans have been developed. Sign off still to occur. 24/11/20: CK?? covered under other action 3/8/21: update from 04-2021 was 'Sourcing certification training was impacted by Covid in 2020 however Council believes it has not sourced a suitable provided and expects to have the training delivered to staff and have met or be close to meeting its certification target by the end of the 2020-2021 FY			
244	Mendooran	Disinfection	Documentation / Protocol	That the Human Resources records for relevant staff are reviewed, and that training is undertaken for all water supply operational staff, WTP operators and relief staff to upskill and to be appropriately trained in WTP processes (i.e. DPI-Water Part 1 and 2 as a minimum). It is also recommended that all staff involved with water quality sampling, testing and monitoring, undergo training and are involved in developing procedures for their work tasks.	7.2	Employee Training	Mendooran Boil Water Alert 2017	MBWA2017	2017	Medium	Manager Warrumbungle Water; HR	22-Jan-19			Implemented		Referred to HR				
245	All		Training	Formalise internal on-the-job training processes, documenting the training content, processes and attendance.	7.2	Employee Training			Jun-2015	Medium	Manager Warrumbungle Water	24-Nov-20	31-Jul-20		Complete			Process not yet formalised. Informal current process includes on the job training, competency document, annual review against competency document. Consultant has been engaged to provide site induction material (currently scheduled to start mid Dec 19). 24/4/20: Consultant has provided a proposal for induction materials. 24/11/20: documentation created/formalisation completed; implementation required			
246	Mendooran	Reservoirs	Training	Consider working at heights training for staff	7.2	Employee Training	Risk assessment	9.01	Mar-2015	Medium	Manager Warrumbungle Water	27-Aug-19			Complete			Training undertaken for water treatment staff (May 2019)			
247	BIN, BAR, MDN	Whole of System	Documentation / Protocol	Review staff structure of water services team, PHU and NOW to provide support	7.2	Employee Training	Risk assessment	11.06	Mar-2015	Medium	Manager Warrumbungle Water	24-Apr-20	20-Jun-20		Implemented			Review on staff structure has been undertaken and revised structure is being implemented. 24/4/20: Restructure in Dec 2020. Issue from 2014 risk assessment on reporting have been rectified, action considered to be implemented.			
248	CBN, BIN, MDN	Organics Removal (catchment)	Training	Operators to re-familiarise themselves with BGA Management Protocols and related response actions.	7.2	Employee Training	CWT report May-15		May-2015	Medium	Supervisor Treatment	24-Apr-20	31-Dec-19		Closed	(Section 4.1, p.6)		Action changed to cover CBN, BWY, MDN systems (from just CBN) 27/9/19: SS printed and laminated (A3) and distributed to CBN, BWY, MDN(?); CW to check with Supervisors if operators have familiarised themselves 13/12/19: Latest BGA has been provided to plants (laminated) 24/4/20: Plants are displayed at CBN & MDN. Closed as covered under action 121	Supervisor to review BGA plan onsite with operators, prior to lagoon sampling.		
249	All	Operator training	Training	Arrange for operators to undertake appropriate training	7.2	Employee Training	Hunter H2O Audit 2014	COH001, DUN001	2014	High	Supervisors/ Manager /HR	24-Nov-20	31/03/2021		Implemented	Operators have not yet completed their fluoridation certification and/or require further training in WTP operations		Confined space and working at heights undertaken 2019. Other training gaps to be reviewed. Manager has requested training schedule from HR. 13/12/2019 Currently reviewing competencies and aligning with national certification framework, processes to identify any shortfalls in training 28/02/20: Are progressing the review with NCF. Have determined competency requirement for each plant determined by plant complexity/treatment. Gap analysis and training plan still to be completed. action 242 closed as considered as covered by this action. 24/7/20: requirements as per NCF included in PDs; fluoridation going to be covered as part of funded NSW Health/H2O project; HR developed training plan 24/11/20: implemented	Review training requirements for Mendooran staff following restructure (action 242)		
250	All		Documentation / Protocol	Council may consider providing water quality data on residents rates notices and/or publishing some of this data on their website and in Council's Annual Report	8.2	Communication			Sep-2016	Low	Manager Warrumbungle Water	27-Aug-19			Complete			Currently provided on Council website.			
251	All		Documentation / Protocol	Develop a consumer information program providing details on the DWMS, Emergency Response Plan, consumer responsibilities, how drinking water quality may be affected in household distribution and drinking water uses etc.	8.2	Communication			Sep-2015	Medium	Manager Warrumbungle Water	24-Apr-20			Implemented			24/4/20: Four monthly improvement plan update reports are made available on Councils website. General information included on water treatment, including micro, chemical data; water complaint procedure.			
252	All	Performance monitoring	Monitoring	Increase review of water quality performance and utilisation of water quality data to improve understanding of the effectiveness of treatment and to identify water quality trends and patterns.	9.1	Investigative Studies & Research Monitoring			Sep-2016	Low	Manager Warrumbungle Water	27-Aug-19			Implemented			Quarterly DWMS reviews undertaken Fortnightly review of CCP data (exceedance summaries), sent to Supervisors and Manager and reviewed in operators meeting. Monthly report to General Manager of CCP exceedances. Annual review report			
253	All	Catchment & Abstraction	Investigative Studies	Consider instigating a pesticide monitoring program	9.1	Investigative Studies & Research Monitoring	Risk assessment	1.01	Mar-2015	Medium	Technical Officer	13-Dec-19	28-Feb-20 (review RWQ assurance program)		Closed			13/12/19: Can confirm pesticides are monitored as part of raw water assurance program Action closed, included as part of new action A347	Review raw water assurance program against this requirement see items 120, 253, 287, 313)		
254	BIN, BUG, CBN, DUN, KEN, MDN	Catchment & Abstraction	Investigative Studies	STP effluent review (i.e. quality, quantity from EPA report) to determine typical characteristics in effluent and the quality of treatment. Consider testing for E.coli in raw water.	9.1	Investigative Studies & Research Monitoring	Risk assessment	1.04	Mar-2015	Medium	Manager Warrumbungle Water	30-Jul-19			Closed			STP are being upgraded, BIN and MDN are being seweraged (options study).			
255	All	Catchment & Abstraction	Investigative Studies	Consider undertaking chemical testing on groundwater supplies to establish baseline water quality	9.1	Investigative Studies & Research Monitoring	Risk assessment	1.07	Mar-2015	Medium	Manager Warrumbungle Water; EHO; Technical Officer	30-Jul-19			Implemented			Raw water testing regime program has been developed and implemented.			
256	Baradine, Kenebri, Coonabarabran	Catchment & Abstraction	Investigative Studies	Review of existing coal seam gas investigations in the area (i.e. EPA)	9.1	Investigative Studies & Research Monitoring	Risk assessment	1.07	Mar-2015	Medium	Manager Warrumbungle Water	30-Jul-19			Closed			Discussed at quarterly meeting. Raw water pH tested daily at Baradine and Coonabarabran, to be used as a potential indicator			
257	Mendooran	Disinfection	Investigative Studies	Monitor the strength of the chlorine over a period of 6 months	9.1	Investigative Studies & Research Monitoring	Risk assessment	7.01	Mar-2015	Medium	Manager Warrumbungle Water	30-Jul-19			Closed			Covered by action 198			

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258	All	Critical control point		Council should strongly consider investing in online monitoring at all CCPs. This would provide greater process control, as immediate notification would be provided in the event an alert limit is exceeded. Importantly, it would also provide the opportunity of an immediate response in the event a critical limit is exceeded (such as triggering a plant shut down). Online monitoring would also provide useful data for analysis of performance of processes used to control hazards at CCPs and would improve understanding of the WTP's effectiveness more generally.	9.1	Investigative Studies & Research Monitoring			Mar-2015	High	Manager Warrumbungle Water; Project Engineer	28-Feb-20	30-Jun-20		Closed			Funding granted from Safe and Secure for scoping study of automation. 13/12/19: PLC are needed to install online analysers 28/2/20: Closed as covered under A328.	To be included as part of process monitoring, automation and instrumentation project (action 328)		
259	DDO	Catchment & Abstraction		DDO to be tested prior to new bore installation. Results to be followed up.	9.1	Investigative Studies & Research Monitoring	Risk assessment	1.12	Mar-2015	High	Technical officer	03-Aug-21		Interim (Tech Officer develop schedule)	Closed			13/12/19: Bore is being used. Raw water quality assurance plan includes bore testing. Have NSW Health funding to take baseline sampling, some still to be taken, (Health officer has since left) 28/2/20: Schedule to be developed 24/7/20: labels for Sth bore background testing got lost (AM follow up with Health); RWQ procedure requires updating re CBN hydrogeological report (JG); RW sampling schedule to be developed (JG) 24/11/20: new Sth labels received; 2 lots of samples taken at DDO, CLH, MDN, BWY; one last lot outstanding (to spread tests out) - some results received back, given to JG for entry in RW database 25/3/21: FS to develop schedule in line with RWQ procedure for bore background testing (CN/admin officer to assist) 3/8/21: DDO bore was installed in 2014 and is in use since; meanwhile a RWQ assurance program incl background testing has been developed --> see action A347	Supervisors to take samples for the bore baseline sampling program. Tech Officer to create schedule (baseline and ongoing)		
260	All	Documentation / Protocol		As part of Council's review of the DWMS risk assessment, review and discuss the effectiveness of existing processes and procedures in managing water quality. The review should draw on external research and information, the risk assessment, water quality analysis and organisational experience. With any changes in conditions, processes and procedures should be revalidated.	9.2	Validation of Processes			Sep-2015	Low	Manager Warrumbungle Water	27-Aug-19			Closed			Covered by review of DWMS review and update (action 334)			
261	Coonabarabran	Catchment & Abstraction	Investigations	Review PAC dosing effectiveness. Detention time for PAC limiting factor	9.2	Validation of Processes	Risk assessment	1.1	Mar-2015	Medium	Supervisor North; Technical Officer	13-Dec-19			Closed			Calculations previously performed, to be reviewed and effectiveness considered as part of PAC upgrade investigations. 13/12/19: Calculations have been reviewed detention time can be improved by moving dosing point upstream. PAC currently used as an aid in flocculation and detention time is sufficient for flocculation (not for algae). If there is an algae bloom, source water can now be switched over to bores (previously not a option). Action has been closed.			
262	All	CT	Investigations	Review and confirm the various data gaps in Table 11 to calculate CT for all supply systems.	9.2	Validation of Processes			Mar-2015	High	Supervisors; Technical Officer	13-Dec-19	15-Oct-19	was 30/9/19	Complete			27/9/19: engaged CWT to calculate CTs; supervisors/SS to provide info as required refer to ID 326 13/12/19: CWT were engaged to calculate CT. Report has been provided			
263	All	Documentation / Protocol		Develop a policy on validation of new or upgraded water supply infrastructure. This should include witness, demonstration and commissioning requirements that are designed to ensure the infrastructure delivers the expected water quality results.	9.3	Design of Equipment			Sep-2015	Medium	Manager Warrumbungle Water	24-Nov-20	30-Sep-20		Complete			In progress, no documents yet developed 24/4/20: Increased priority to Medium. Consulting provided proposal 24/11/20: Validation policy created, implementation required	Draft document		
264	All	Documentation / Protocol		Review existing documentation on the water supply systems and ensure all are captured on Council's document management system. Verify documents are UpToDate.	10.1	Management of Documentation & Records			Sep-2015	Low	All	24-Nov-20	30-Nov-20	was 30-9-19; revise next month	Closed			InfoXpert used as document management system. Incoming correspondents are documented. Staff have received training. Implementation still ongoing. 27/9/19: added to supervisor checklists; Jacinta provided current location + procedure 24/4/20: Ongoing action for staff to put documentation 24/11/20: included in (A268)	Water project information to be put on InfoXpert (all)		
265	Mendooran	Distribution	Documentation / Protocol	That WSC review and regularly revise these water supply reticulation plans (Figures 4 & 5) as required to maintain an up to date records.	10.1	Management of Documentation and Records	Mendooran Boil Water Alert 2017	MBWA2017	2017	Medium	Supervisor South; GIS Officer	22-Jan-19			Implemented		In collaboration with Council's GIS Officer				
266	All	Documentation / Protocol		Continue to document information pertinent to all aspects of drinking water quality management.	10.1	Management of Documentation & Records			Sep-2015	Medium	Manager Warrumbungle Water	30-Jul-19			Implemented						
267	All	Documentation / Protocol		Develop a procedure that manages document control for all DWMS documentation (i.e. ensure the currency, accessibility and appropriate review DWMS documents).	10.1	Management of Documentation & Records			Sep-2015	Medium	Manager Warrumbungle Water	24-Apr-20			Closed			24/4/20: Closed as covered by under new action 334, review and update DWMS.	Include as part of DWMS review and update (action 334)		
268	All	Documentation / Protocol		Develop a records management process to ensure appropriate storage and accessibility of DWMS related records. Including (A264): Review existing documentation on the water supply systems and ensure all are captured on Council's document management system. Verify documents are UpToDate.	10.1	Management of Documentation & Records			Sep-2015	Medium	Manager Warrumbungle Water	03-Aug-21	TBD		In progress			24/4/20: Procedure (Drinking water management system document register procedure) has been developed. Still to be reviewed and implemented 3/8/21: additional admin support required to implement and abide by formalised DWMS records requirements	Procedure to be reviewed and implemented		
269	All	Documentation / Protocol		Update details for existing documentation in the DWMS document register.	10.1	Management of Documentation & Records			Sep-2015	Medium	Manager Warrumbungle Water	24-Apr-20			Closed			24/4/20: Closed as covered by under new action 334, review and update DWMS.	Include as part of DWMS review and update (action 334)		
270	ALL	Information Systems	Operations	- Generate a list of equipment contained on site and store equipment operation and maintenance manuals on site. - Routinely (daily) measure the instantaneous chemical dose rate and daily chemical usage. Also record instantaneous and daily plant flow rates to determine actual chemical dose rates. This is useful for chemical and plant optimisation and future troubleshooting and operations. - Install a calibration tube to allow instantaneous chemical dose rates to be measured.	10.1	Management of Documentation and Records	Hunter H2O Audit 2014	BIN004, BUG002, COH002, DUN003, KEN002,	2014	Medium	Supervisor Treatment	24-Apr-20	TBC		Prioritised under automation scoping project	Closed			Development of schedules covered under action 340. Calculations to be undertaken for chemical dose and usage rate (In conjunction with action 213) Instantaneous chemical dose rates, daily chemical usage, instantaneous and daily plant flow rate data is currently not being recorded. This data is important for plant operation, optimisation and troubleshooting Equipment operation and maintenance manuals are currently not stored onsite. Access to equipment manuals can assist in equipment troubleshooting and operator training.	Chemical usage equipment required, dependent on priorities in Hunter H2O scoping study automation project	
271	BDN, CLH (MDN/ KBI?), BUG	Information System		Display the pressure vessel calibration certificates nearby the pressure vessels.	10.1	Management of Documentation and Records	Hunter H2O Audit 2014	MEN003, KEN004	2014	High	Supervisor Treatment; Technical officer	24-Jul-20	30/06/2020		Complete	Calibration certificates for pressure vessels are not stored on site; Plant pressure vessels currently do not have calibration certificates displayed		27/9/19: check new bore sites for pressure vessels; no progress on MDN (see ID 272) current pressure tanks are for water (bores) + compressor vessels at BDN, CBN, MDN 13/12/19: Clarifying which contractors do this 28/2/20: Australian Boilers Services undertake this for Dubbo. 24/4/20: Received quote from contractor (MDN, CBN, BAR) 24/7/20: certification has occurred in June; required every two years; on Supervisor Treatment list			
272	Mendooran	Information system		Perform pressure vessel calibration and display certificates on site.	10.1	Management of Documentation and Records	Hunter H2O Audit 2014	MEN005	2014	High	Supervisor South	27-Aug-19	31/08/2019	closed 27/9/19	Closed	Plant pressure vessels currently do not have calibration certificates displayed		see ID 271			
273	Mendooran	Reservoirs	Documentation / Protocol	That WSC urgently develop and implement a regular (weekly/monthly/annual) reservoir integrity inspection and reporting program for the Mendooran water supply system. This inspection and reporting program should be used to develop an Action Plan in order to urgently address all the existing integrity issues at the Mendooran water supply system. Annual reservoir integrity reports to be submitted to DPI-Water in accordance with LWU Circular No. 18.	10.2	Reporting	Mendooran Boil Water Alert 2017	MBWA2017	2017	High	Manager Warrumbungle Water	28-Feb-20	28-Feb-20		Closed			Engaging contractor to develop reservoir integrity checklist to undertake inspections. Including assessing WHS issues that are limiting inspections currently. Visuals inspections are currently recorded in diaries. 13/12/19: Engaged WEARS to develop reservoir integrity checklist to undertake inspections development of Standard Operating Procedures, including reservoir inspections. Reservoir access to be addressed through WHS training.	Follow up with WEARS		
274	Mendooran	Documentation / Protocol		That WSC undertake an annual internal review of its DWMS, using the HH2O revised NSW Health's annual report template and consult their local PHU to develop an appropriate external review/audit frequency.	10.2	Reporting	Mendooran Boil Water Alert 2017	MBWA2017	2017	High	Manager Warrumbungle Water	22-Jan-19			Implemented			Quarterly internal reviews undertaken			

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275	All		Documentation / Protocol	Develop inhouse evaluation of long-term water quality performance procedures (outside external monitoring requirements) and implement these procedures. These procedures could be incorporated into the preparation process for the annual management review or as part of the internal audit process.	11.1	Long-Term Evaluation of Results			Sep-2015	Medium	Manager Warrumbungle Water	30-Jul-19			Implemented			Annual review 6 monthly level of service report (non compliances, boil water alerts etc.) Quarterly DWMS reviews undertaken Fortnightly review of CCP data (exceedance summaries), sent to Supervisors and Manager and reviewed in operations meeting Monthly report to General Manager of CCP exceedances			
276	All		Documentation / Protocol	Ensure all handwritten water quality data is captured in electronic spreadsheets.	11.1	Long-Term Evaluation of Results			Mar-2015	High	Manager Warrumbungle Water	30-Jul-19			Implemented						
277	All		Documentation / Protocol	Develop internal audit procedures and schedules appropriate to functionality of council and the water supply systems.	11.2	Audit of Drinking Water Quality Management			Sep-2015	Low	Manager Warrumbungle Water	28-Feb-20	31-Mar-20		Closed			13/12/19: Consultant has provided proposal to review and update DWMS 28/2/20: Closed as included as part of action 334	Review schedule as part of DWMS project update (action 334)		
278	All		Investigations	Identify appropriate personal to undertake the internal audit and provide training in auditing.	11.2	Audit of Drinking Water Quality Management			Sep-2015	Low	Manager Warrumbungle Water	24-Apr-20	TBD		Not started			Wait until NSW Health audit guidance is audits			
279	All		Critical control point	Document and report results of CCP exceedances in annual report for Council	11.2	Audit of Drinking Water Quality Management			Sep-2015	Low	Manager Warrumbungle Water	24-Apr-20	31-Oct-19		Complete			CCP results reported monthly to General Manager. Annual report being developed (to go to Council) 24/4/20: Annual report complete and sent to NSW Health			
280	All		Documentation / Protocol	Develop external audit procedures in consultation with NSW Public Health Unit.	11.2	Audit of Drinking Water Quality Management			Sep-2015	Low	Manager Warrumbungle Water	24-Apr-20	TBD		Not started			Wait until NSW Health audit guidance is audits			
281	Mendooran		Documentation / Protocol	That WSC develop and implement a DWMS review and continual improvement program which is regularly reviewed by the Senior Executive Team and reported to Council.	12.1	Review by Senior Executive	Mendooran Boil Water Alert 2017	MBWA2017	2017	High	Manager Warrumbungle Water	22-Jan-19			Implemented			Improvement Plan is under review, to be discussed in details at next DWQ review meeting			
282	Mendooran		Documentation / Protocol	That notices received from DPI-Water should be regularly reported to senior management together with an Action Plan, Works Budget and Timeline for the rectification of issues raised during DPI-Water Inspections. This Action Plan information should also be regularly reported back to DPI-Water and NSW Health.	12.1	Review by Senior Executive	Mendooran Boil Water Alert 2017	MBWA2017	2017	High	Manager Warrumbungle Water	22-Jan-19			Implemented			List of outstanding recommendations has been created			
283	Mendooran		Documentation / Protocol	That WSC review and update the DWMS and the "DWMS Improvement Plan" is then kept up-to-date, recommended improvements are implemented in the order of identified urgency and progress of the "DWMS Improvement Plan" is reported regularly to the Senior Executive Team and Council. This information should also be passed onto NSW Health and DPI-Water for advice, review and comment. (Noting that actions from many of the other Recommendations in this report would need to be included in this DWMS Improvement Plan)	12.1	Review by Senior Executive	Mendooran Boil Water Alert 2017	MBWA2017	2017	High	Manager Warrumbungle Water	13-Dec-19	31-Oct-19		Implemented	Improvement plan is being consolidated		Refer to R11 and R12	Improvement plan has been consolidated. Plan to be provided to NSW Health as part of annual review. Quarterly updates to be provided to Council. 13/12/19: Improvement plan and annual review report have been provided to NSW Health		
284	All		Documentation / Protocol	Amend/update the DWMS where it is evaluated that there is a need for change.	12.1	Review by senior executive			Sep-2015	Medium	Manager Warrumbungle Water	30-Jul-19			Closed			Covered by DWMS update (action 334)	Include as part of DWMS review and update (action 334)		
285	All		Documentation / Protocol	Develop and implement a process (including a schedule) for senior executive review of the effectiveness of the management system. The review process should include aspects such as; reports from audits, water quality performance, previous reviews, concerns from consumers and regulators and impacts of changes to internal or external conditions (e.g. regulatory, technology, organisational activities).	12.1	Review by senior executive			Mar-2015	High	Manager Warrumbungle Water	28-Feb-20	30-Jun-20		Closed			Quarterly DWMS reviews undertaken Fortnightly review of CCP data (exceedance summaries), sent to Supervisors and Manager and reviewed in operations meeting. Monthly report to General Manager of CCP exceedances. Draft schedule has been drafted. To be implemented 28/2/20 No longer reporting monthly to General Manager. Annual update to Council (DWMS annual review report and improvement plan tabled). Review schedule to be formalised in DWMS update. Closed as included as part of action 334	Schedule to be formalised in DWMS. Include as part of DWMS review and update (action 334)		
286	All		Documentation / Protocol	Update and review Implementation Plan when necessary. Follow up actions to ensure deadlines are met and responsible parties are capable to undertake these actions.	12.2	Drinking Water Quality Management Improvement Plan			Sep-2015	Medium	Manager Warrumbungle Water	30-Jul-19			Implemented			Plan has been compiled and in process of reviewing.			
287	All	Bores	Monitoring	Monitoring of ALL WSC bores be increased which includes: <input type="checkbox"/> Turbidity <input type="checkbox"/> pH <input type="checkbox"/> Microbiological <input type="checkbox"/> Temperature <input type="checkbox"/> Pesticides <input type="checkbox"/> Heavy Metals <input type="checkbox"/> Radiological <input type="checkbox"/> Fluoride			July 2018 ORANA meeting	WarrumSCJul1 8.1		Medium	Technical Officer	13-Dec-19	28-Feb-20 (review RWQ assurance program)		Closed			Raw water quality assurance program has been developed. To be implemented. 27-9-19: similar to ID 120 13/12/19: RWQ plan still to be reviewed for this requirement Action closed, included as part of new action A347	Review raw water assurance program against this requirement see items 120, 253, 287, 313)		
288	All	Raw water	Monitoring	It should be noted that radiological tests are generally recommended every 2 years for bore waters and every 5 years for surface water. As these tests are infrequent, they can often fall out of a routine sampling program and it would be prudent for WSC to check if these test have been undertaken for both bores and surface waters.			July 2018 ORANA meeting	WarrumSCJul1 8.2		Medium		27-Aug-19			Complete			Radiological testing has been undertaken (July 2019) and is included in raw water monitoring assurance plan.			
289	All	Disinfection	Training	Training needs to be undertaken on the chlorine test kits to ensure operators are aware of the different testing ranges.			July 2018 ORANA meeting	WarrumSCJul1 8.3		High	Technical Officer	27-Aug-19			Implemented			Technical officer provided SOPs, training and necessary reagents to operators.			
290	Mendooran	Filtration	Operations	online combined filtered water turbidity meter was reading consistently and significantly lower than the bench unit. WSC will require ongoing investigations, which may include external calibration of both the online and bench unit to confirm what the true turbidity values are and to resolve the discrepancy between the units.			July 2018 ORANA meeting	WarrumSCJul1 8.4		High	Supervisor Treatment	24-Nov-20	31-Aug-20		Complete			Has been externally calibrated. 27/9/19: confirm range of instrument; confirm bypass is not an issue (should be inline?); cleaned regularly? 13/12/19: Issue not resolved 28/02/20: Issue not resolved. Test against hand held unit. Similar issues at other plant. 24-7-20: IPAC instrument calibrations were done in March 2020; online NTU meter being cleaned daily; benchtop one calibrating ourselves weekly 24/11/20: still a light discrepancy but not major since calibrations and bench-top instrument replacement + additional staff training + proper cleaning units/techniques for instruments + adjustments with set-up + regular future services by supplier (Hach) --> complete	To be investigated further Get calibration kit (low)		
291	Mendooran	WTP	Documentation / Protocol	Within the new package of works planned for this plant it is recommended that a new set of P&IDs be created and the current plant along with upgrades go through the HAZOP process.			July 2018 ORANA meeting	WarrumSCJul1 8.5		Medium	Project Engineer	24-Apr-20	30-Sep-20	Interim (finish concept design)	Closed			24/4/20: Preliminary hazard assessment included in current engagement, scheduled for 14 May 2020. Concept design workshop to be held in following with to hazard assessment. Not at stage for HAZOP. Action closed, as now covered into new combined Action 345			
292	Coonabarabran, Mendooran, Binnaway	Monitoring	Operations	Due to an increasing taste and odour issue, it was recommended that WSC look at additional testing in the sedimentation lagoons including MIB and Geosmin, chlorophyll-a (algae), pH, organic loadings and nutrient levels. It was noted that WSC had used PAC in the past, however it is not currently in use. This could be re-established if required, however it would be prudent to understand the cause of the taste and odour and also undertake PAC testing to determine what type and amount of PAC would be the most effective.			July 2018 ORANA meeting	WarrumSCJul1 8.6		Medium	Supervisor Treatment	24-Apr-20	31-Jan-20 (establish location for algae tests - put in operational sheet)		Closed			27/9/19: PAC has been dosed at Coonabarabran to control taste and odour issues; PAC dosing also improved filtered water NTU; SS find results from algae testing and put on T-drive (for dam, weir, sedimentation lagoon) added BWW + MDN (river/lagoons) 13/12/19: Some result have been added, still to confirm if all results have found. PAC can only be dosed at Coonabarabran. 24/4/20: No taste and odour complaints. PAC being dosed at Coonabarabran. Action closed, Coonabarabran taste and odour issues added to action 121 for further investigation			
293	BUG, KEN	Raw water	Investigations	There was discussion relating to fracking activity in the area of Pilliga Forrest. It is recommended that WSC discuss these concerns with NSW Health to determine the best testing parameters to ensure there has been no impact on groundwater.			July 2018 ORANA meeting	WarrumSCJul1 8.7		Medium		27-Aug-19			Complete			Has been investigated, pH should be used as a parameter, which is already being tested for.			
294	ALL	Reticulation	Documentation / Protocol	There was discussion around who collects the reticulation samples and analyses them before they are sent to FASS. The Councils Environmental Health Office collects and tests the samples. There have been some issues with samples being collected at the wrong location. It was recommended that Council develop a procedure that includes photos and GPS locations to ensure that samples are always collected at the correct location.			March 2018 ORANA meeting	WarrumSCMar 18.1		Medium	Technical Officer	24-Nov-20	30-May-20 (Interim Found and reviewed)		Closed	July 18: Ongoing. This was discussed and the newly appointed EHO is managing this project.		Information for plan is in process of being collected. 27/9/19 & 13/9/19 & 24/4/20: Info needs to go on T-drive; some photos still need to be taken; sample sites require updating (+photos added) + incident flowcharts added 24/4/20: Find procedure and photos on G drive (Simone who developed them has left) and review status. Scott to talk to Mark Nave (PHU) about changing site numbers. 24/11/20: covered under (A206)	Undertaken in conjunction with action 205 and 206 (Develop a verification monitoring plan)		
295	CBN, BAR, BIN	Fluoridation	Critical control point	The fluoride critical limit for Coonabarabran and Baradine and Binnaway need to have the limit of <0.9mg/L for >72 hours (move from the alert limit)			March 2018 ORANA meeting	WarrumSCMar 18.2		High		27-Aug-19			Complete			CCP reference document updated			
296	ALL	Monitoring	Monitoring	Council to review sample locations. It may be worthwhile changing some sample locations to monitor in the main rather than a household tap.			March 2018 ORANA meeting	WarrumSCMar 18.3		Medium		27-Aug-19			Closed			Not feasible			
297	ALL	Reticulation	Major works	There are a number of old cast iron mains that cause issues (corrosion, low chlorine residuals). Some of these mains are being replaced, consider developing a program/funding for replacing more of these sections of these mains.			March 2018 ORANA meeting	WarrumSCMar 18.4		Medium		27-Aug-19			Implemented			Program of replacement of mains is in place			
298	ALL	Reticulation	Investigations	Flushing of mains to assist with maintaining chlorine residuals is problematic during water restrictions (customers see that water is being wasted). Consider ways to collect and reuse the water (e.g. tankers).			March 2018 ORANA meeting	WarrumSCMar 18.5		Medium		01-Jul-18			Complete	Complete July 2018					
299	Baradine	Reservoirs	Minor works	There is a significant amount of sediment in the Baradine reservoir and this needs to be removed during winter.			March 2018 ORANA meeting	WarrumSCMar 18.5		Medium		01-Jul-18			Complete	Complete July 2018					
300	ALL	Disinfection	Critical control point	It is recommended that Council confirm that the chlorine contact time for each system has been calculated. It is recommended that a comment be added into the report (under the CCP table) to advise that the chlorine residual measured at AA must be maintained above x mg/L at y plant flowrate to meet the chlorine contact time requirement.			March 2018 ORANA meeting	WarrumSCMar 18.6		Very high		27-Aug-19			Closed	Ongoing July 2018			Closed covered by action 326.		

No	Location	Process step	Category	Action	ADWG No.	ADWG Element	Source	Haz ID / Source number	Date added	Priority	Action Owner	Date reviewed	Due date (revised)	Due date notes	Status	Comments	Comments 29/08/18	Comments 27/6/19 & 30/7/2019 & 27/8/2019; 27/09/2019; 13/12/19; 28/2/20; 24/04/2020; 24/7/20;	Short term actions	Resource requirements
301	Binnaway	Monitoring	Investigations	The Binnaway turbidity graph indicates that there are times when the filtered water turbidity results are higher than the clear water turbidity – investigate and check data.	March 2018	ORANA meeting	March 2018 ORANA meeting	WarrumSCMar 18.7	Mar-2018	High		27-Aug-19			Complete	July 18: To be reviewed following filter media replacement Since the filter media has been changed the filter water data has been lower then clear water tank		Issue has been resolved following filter media inspection		
302	Coolah	Disinfection	Documentation / Protocol	The process flow diagram for Coolah needs to be modified to chlorine gas (rather than sodium hypochlorite) for disinfection.	March 2018	ORANA meeting	March 2018 ORANA meeting	WarrumSCMar 18.8	Mar-2018	Medium	Technical Officer	27-Aug-19	6-Sep-19	completed mid Sept-19	Complete	July 18: Ongoing			PFD to be updated	
303	Coolah	Monitoring	Critical control point	The location of Coolah critical control point CLH1 needs to be moved to prior to the reservoirs.	March 2018	ORANA meeting	March 2018 ORANA meeting	WarrumSCMar 18.9	Mar-2018	High		27-Aug-19			Complete	July 18: Ongoing				
304	CLH, DUN, MDN	Disinfection	Critical control point	Council could consider lowering the lower limit on Coolah, Mendooran and Dunedoo critical control point from <0.5 mg/L to <0.2mg/L once the chlorine contact time for the system is confirmed.	March 2018	ORANA meeting	March 2018 ORANA meeting	WarrumSCMar 18.10	Mar-2018	Medium	Technical Officer	27-Sep-19			Complete	July 18: Ongoing				Confirm this has occurred
305	Dunedoo	Monitoring	Critical control point	Critical control point for Dunedoo DD01 needs to be moved on the process flow diagram to after the reservoir.	March 2018	ORANA meeting	March 2018 ORANA meeting	WarrumSCMar 18.11	Mar-2018	Medium	Technical Officer	27-Sep-19			Complete					Confirm this has occurred
306	Dunedoo	Monitoring	Documentation / Protocol	There seemed to be some issues with the Dunedoo summary data in Table 5.3 (some rows not in correct locations, e.g. Bowman 28 Nott Street free chlorine and pH lines were swapped?). Also need to check the lower limit on figures 5.2. Review and correct	March 2018	ORANA meeting	March 2018 ORANA meeting	WarrumSCMar 18.12	Mar-2018	High		01-Jul-18			Complete	Completed July 2018				
307	Coonabarabran	Filtration	Critical control point	Consider modifying for Coonabarabran CCP for filtered water turbidity: • Operational target < 0.2 NTU (current value <0.8 NTU) • Adjustment Limit < 0.5 NTU (current value >0.9 NTU)	October 2017	ORANA meeting	October 2017 ORANA meeting	WarrumSCOct 17.2	Oct-2017	High	Supervisor North; Technical Officer	13-Dec-19	1-Jun-20		Complete	Mar 18: Turbidity targets were slightly reduced. Plant not capable of lower performance – need to consider upgrade		Currently using emergency back up bores. Filter media inspection undertaken recently (never been replaced). Turbidity target limit has been changed to 0.3 NTU, operational limit 0.5 NTU. Will have difficulty in meeting limit when source water is changed to the dam water. 13/12/19: Following improvements to filter, reduced limits should be able to be achieved when source water is changed		
308	Coonabarabran	Fluoridation	Critical control point	A new lower limit needs to be added to the Coonabarabran fluoridation CCP of <0.9mg/L for >72 hours, to be in line with the NSW Health Form 5 requirements (Fluoride Dosing Incident Notification).	October 2017	ORANA meeting	October 2017 ORANA meeting	WarrumSCOct 17.5	Oct-2017	High	Technical Officer	27-Aug-19			Complete	Mar 18: Some changes were also made to the fluoride CCP limits. The critical limit needs to have the limit of <0.9mg/L for >72 hours (move from the alert limit).				
309	ALL	Reservoirs	Critical control point	There were no reservoir inspections undertaken during the reporting period. The Council needs to resolve access and training so that this CCP can be implemented.	October 2017	ORANA meeting	October 2017 ORANA meeting	WarrumSCOct 17.6	Oct-2017	High		27-Aug-19			Closed	Mar 18: Coolah and Dunedoo reservoirs inspected daily (walk around the ground). Checklists/SWMS/SOP needs to be developed		Covered by action 107 and 310.		
310	ALL	Reservoirs	Documentation / Protocol	Council needs to develop reservoir inspection checklists for the operators and provide training on the important areas to check closely during the inspection.	October 2017	ORANA meeting	October 2017 ORANA meeting	WarrumSCOct 17.7	Jun-2019	High	Manager Warrumbungle Water	28-Feb-20	31-Mar-20		Closed			Have queried contractor to assist with checklist 13/12/19: Engaged WEARS to undertake this work 28/20/20: Action closed as covered by new action 343		Follow up with WEARS
311	Baradine	Monitoring	Critical control point	Review CCP limits for Baradine WTP, in particular, the turbidity targets are not in line with the ADWG (see action WarrumSCOct17.2 above)	October 2017	ORANA meeting	October 2017 ORANA meeting	WarrumSCOct 17.10	Oct-2017	High	Supervisor North; Technical Officer	27-Aug-19			Closed	Mar 18: Limits are now: Target < 0.2 NTU Alert < 0.4 NTU Critical < 0.8 NTU This is still not as low as the ADWG – this may be OK as the source water is from bores – need to check the raw water quality risk assessment		Closed. Covered by action 78		
312	Binnaway	Monitoring	Critical control point	Review CCP limits for Binnaway WTP, in particular, the turbidity targets are not in line with the ADWG (see action WarrumSCOct17.2 above). Consider ways to improve the plant performance	October 2017	ORANA meeting	October 2017 ORANA meeting	WarrumSCOct 17.11	Oct-2017	High		27-Aug-19			Complete	Mar 18: Filter media replacement planned for mid 2018. Review limits once new filter media performance monitoring data is available		Limits have been reduced in line with ADWG		
313	Coolah	Raw water	Monitoring	Coolah has a new bore "Back Bore" which is located 50m upstream of a previous dump site (near Pound yard and tip) in depth water quality testing should be considered, this could be requested from NSW Health	ORANA meetings pre October 2017		ORANA meetings pre October 2017	WarrumSCSep t16.2	Oct-2017	Medium	Technical Officer; Manager Warrumbungle Water	24-Apr-20	28-Feb-20	Interim deadline was 13/9/19 (review RWQ assurance program)	Closed			Confirm if current testing (NSW Health project) is sufficient; what else should be tested for if not? 13/12/19: RWQ plan still to be reviewed 24/4/20: Scott to review record of test results for "back bore" records Action closed, included as part of new action A347		Review raw water assurance program against this requirement see items 120, 253, 287, 313)
314	Binnaway	Filtration	Investigations	Filter media has been washing out of filters, further investigations could be undertaken to ensure the filter media and design is appropriate	ORANA meetings pre October 2017		ORANA meetings pre October 2017	WarrumSCSep t16.3	Oct-2017	Medium	Supervisor South	13-Dec-19	31-Dec-19		Complete			Media has been replaced. 13/12/19: No washout has been occurring		Confirm if filter media is still washing out of filters
315	CLH, DDO	Investigations		Coolah and Dunedoo bores may have a risk due to flooding and local land use this should be reviewed and additional monitoring could be requested from NSW Health during high rainfall/flood periods. It was recommended that a memo be created.	ORANA meetings pre October 2017		ORANA meetings pre October 2017	WarrumSCSep t16.4	Oct-2017	Medium	Supervisor Treatment	03-Aug-21	30-Sep-20		Closed			13/12/19: RWQ plan still to be reviewed for this requirement 24/4/20: To be included as part of an operational monitoring plan testing (A...) 24/11/20: DPIE/SSWP risk prioritisation acknowledges this, awaiting advice on (further) funding; meanwhile added NTU measurements for disinfected water at bore; regular testing part of RWQ monitoring + CLH/DDO bores included in Health funded RWQ baseline testing (recorded in RWQ database) - include (A315) here at next review; A315 can then be closed		
316	Mendooran	Sedimentation	Plant optimisation	Questions were also raised on the Mendooran sedimentation lagoons and short circuiting and increased risk of slug return of backwash water. This will be raised at the next DWQCM, Dec 2016	ORANA meetings pre October 2017		ORANA meetings pre October 2017	WarrumSCSep t16.6	Oct-2017	High	Manager Warrumbungle Water	28-Feb-20	30-Sep-20	Interim (finish concept design)	Closed			13/12/19: Consultant engaged to undertake concept design (site visit has already been undertaken - Nov 2019) 28/2/20 Quotes to undertake work are being reviewed		Included as part of treatment water supply upgrade
317	Coonabarabran	WTP	Plant optimisation	Further optimisation and investigation is/ to be undertaken at Coonabarabran WTP.	ORANA meetings pre October 2017		ORANA meetings pre October 2017	WarrumSCSep t16.7	Oct-2017	Medium		27-Aug-19			Closed			Covered by a variety of other specific actions		
318	Binnaway	WTP	Investigations	Review the Bligh Tanner report on Binnaway WTP and initiate recommended actions (on-line monitoring, filter replacement, telemetry, vermin protection, etc)	ORANA meetings pre October 2017		ORANA meetings pre October 2017	WarrumSCMar 17.3	Oct-2017	High		27-Aug-19			Closed			Actions from Bligh Tanner report reviewed as part of this improvement plan		
319	Binnaway	Plant optimisation		Review the pH target for Binnaway and set based on optimum for pH and calcium carbonate precipitation potential.	ORANA meetings pre October 2017		ORANA meetings pre October 2017	WarrumSCMar 17.4	Oct-2017	Medium	Supervisor Treatment	24-Apr-20	1-Feb-21		Closed			To be further investigated 24/4/20: Not considered to be a current issue		
320	Baradine	Reservoirs	Minor works	Council to check if replacement of the ladder on the Baradine Reservoir is included in the Lower Macquarie Alliance reservoir work.	ORANA meetings pre October 2017		ORANA meetings pre October 2017	WarrumSCMar 17.5	Oct-2017	Medium		27-Aug-19			Complete			Internal ladder has been replaced. External ladder to be investigated as part of reservoir upgrades.		
321	Baradine	WTP	Major works	Baradine plant is old and in poor condition, particularly the clarifier. Upgrade work is recommended and DPI Water (Bill Ho) recommended installing sedimentation ponds (1 for sedimentation and 1 for sludge storage). NSW Health supports the installation of a clarifier. Council to discuss further with DPI Water and NSW Health	ORANA meetings pre October 2017		ORANA meetings pre October 2017	WarrumSCMar 17.6	Oct-2017	High		27-Aug-19			Closed	Mar 18: Council submitted EOI for Safe and Secure funding		Approval for funding for clarifier. Waiting for s60 endorsement and funding endorsement by DoI Water. Closed, covered by action 192		
322	Baradine	Disinfection	Investigations	Baradine WTP - Council needs to recalculate the chlorine contact time with the lower plant flow (10Ls, not 16Ls) and determine the chlorine residual required for effective disinfection. A previous report by Blyth Tanner advised that a residual of 4mg/L was required.	ORANA meetings pre October 2017		ORANA meetings pre October 2017	WarrumSCMar 17.6	Oct-2017	High		27-Jun-19			Closed			Action closed. Refer to action 326		To be included as part of action 326 (review CT)
323	Coonabarabran	Raw water	Documentation / Protocol	Coonabarabran WTP- Water sourced from the Pound Yard weir and bores has not been through a raw water risk assessment process for each separate source (it has been assessed as a combined source). A risk assessment of each source needs to be undertaken and any changes documented in the Drinking Water Management Plan	ORANA meetings pre October 2017		ORANA meetings pre October 2017	WarrumSCMar 17.6	Oct-2017	High	Manager Warrumbungle Water, Supervisor Treatment, Tech Officer	24-Jul-20	31-Mar-21		Closed			All the raw water from the bores has been tested (some radiological results outstanding). To be included as part of risk assessments (Hunter H20 NSW Health Project) 28/2/20 - Radiological test undertaken (bores) 24/7/20: needs to be done as part of RWQ assurance program; updated risk assessment for individual systems still to be done 24/7/20: closed as included in new action A351		Risk assessment to include Pound Yard weir and bores
324	Baradine	Disinfection	Documentation / Protocol	NSW Health to review the report on Baradine that recommended a chlorine residual of 4mg/L or otherwise the issuing of a boil water alert and provide advice to Council (review in conjunction with the CCT calculation).	ORANA meetings pre October 2017		ORANA meetings pre October 2017	WarrumSCMar 17.6	Oct-2017	High	NSW Health	27-Aug-19			Closed			Closed, covered by action 46		
325	Baradine	Disinfection	Critical control point	Increase contact time for first customer (John Featherby), relocate service.	27 June 2019 Improvement Plan review meeting		27 June 2019 Improvement Plan review meeting	A1	27-Jun	High	Supervisor Reticulation	24-Jul-20	6-Mar-20	was 30/9/19	Complete			To be undertaken with mains replacement works (take off rising main) 13/12/19: Works are being undertaken currently 28/2/20: Still in progress 24/7/20: completed		
326	All	Disinfection	Critical control point	Review CT for all systems	27 June 2019 Improvement Plan review meeting		27 June 2019 Improvement Plan review meeting	A2	27-Jun-19	High	Supervisor Treatment	03-Aug-21	31-Oct-21		In progress			Refer to related actions 44, 46, 51, 60, 262, 309, 322 27/9/19: engaged CWT to review CTs 13/12/19: CWT report to be reviewed 28/2/20: Report still to be reviewed. To be reviewed at next operational meeting. 24/11/20: report had been reviewed and identified further input from the field (e.g. pipe diameters, pump sizes) -> pick back up once Technical Officer position is filled 3/8/21: Supervisor Treatment to follow up		Complete review of CWT report and revise chlorination CCPs lower critical limit
327	BWY	Filtration		Investigate filter outlet valve replacement (spare valve sitting on site)	27 June 2019 Improvement Plan review meeting		27 June 2019 Improvement Plan review meeting	A3	27-Jun-19	Low	Supervisor Treatment	03-Aug-21	30-Sep-21		In progress			Not yet installed. 24/4/20: In progress (wiring done) 3/8/21: electrical control cabinet installed near filter, requires interal filter level sensors to actuate valve; local electrician consulted		

No	Location	Process step	Category	Action	ADWG No.	ADWG Element	Source	Haz ID / Source number	Date added	Priority	Action Owner	Date reviewed	Due date (revised)	Due date notes	Status	Comments	Comments 29/08/18	Comments 27/6/19 & 30/7/2019 & 27/8/2019; 27/09/2019; 13/12/19; 28/2/20; 24/04/2020; 24/7/20; 24/11/20	Short term actions	Resource requirements	
328	All	Instrumentation		Process monitoring, automation and instrumentation project. *Council should strongly consider investing in online monitoring at all CCPs (A13 - BWY NTU, A124& A258) -> 24/11/20: only looking at filtration (NTU) and disinfection CCP, for CLH/DDO currently only considering retic CCP - all expected to be complete by 31/12/21 *Consider implementing online monitoring of critical water quality parameters including (A212): - Raw water pH - Raw water turbidity -> 24/11/20: RW not a priority at this stage - Filtered water turbidity [included in dot point above] - Treated chlorine residual [included in dot point above] *Online interlocks for pH and turbidity (NTU) on outlet for filters (A54) -> 24/11/20: in place in MDN for NTU; BDN/CBN/MDN/BWY require pH probes; BDN requires newPLC; CBN/BWY can have interlocks in place for NTU by 31/12/21 *Consider online turbidity meter with interlocks at BWY, BDN -> removed 24/11/20 as double up from dot point above *Consider interlocks for meters at CBN and MDN (A169) -> removed 24/11/20 as double up from dot point above *CBN - install a second turbidity meter on the outlet of filter 2 and reconfigure the existing turbidity meter to monitor filter 1.(A130) -> 24/11/20: complete *CBN - install continuous online chlorine meter to ensure continual effective disinfection/control of chlorination CCP.(A126) -> 24/11/20: previously completed *CBN-Connect scales for chlorine gas cylinders to SCADA. (part A165) -> 24/11/20: previously completed A13 - BWY: - Perform regular resting of filter headloss immediately after a backwash -> 24/11/20: no DP measurement device currently installed			27 June 2019 Improvement Plan review meeting (Compilation of actions)	A4	27-Jun-19	Very high	Manager Warrumbungle Water	23-Mar-21	31-Mar-21	Interim (gas chlorine DDO)	In progress				Funding granted from Safe and Secure for scoping study of automation. Covers action 212 13/12/19: Consultant engaged and is coming on site next week 13/12/19: PLC are needed to install online analysers 28/2/20: Teleconference workshop in December 2019 A number of actions have been included under this action (A 54, 124, 126, 258, 258, 165) Coonabarabran - Dual turbidity meters to be installed and replacement of PLC. PLC has been ordered. H20 to install individual filter analyser (only currently on one filter) 24/4/20 Quote received from Hunter H20 for filter media replacement. Consultant has submitted. Have had meeting with Consultant on progress this week. Consultant to submit further information needed to progress. 27/4/20: received automation audit report, need to review (CW, AM) to finalise; future funding for next steps of concept design and installation/constuction uncertain; PLC in CBN being installed, BWY ordered; BDN/BWY online chlorine analysers ordered; old online CBN NTU meter being moved to BDN; CBN filter control upgrade being done this week incl dual NTU meters; SCADA upgrade progressing; BDN PLC being looked at (included in clarifier/filter replacement) 24/11/20: Automation upgrade - draft report peer reviewed, awaiting DPIE comments, BP report to Council scheduled for Feb 2021; online monitoring implemented for NTU and chlorine at CBN (no external alarms until SCADA upgrade complete) and MDN (has external alarms), for chlorine at BWY and BDN by 4/12/20 (no external alarms until SCADA upgrade complete), for BDN & BWY NTU by 31/12/21 (no external alarms until SCADA upgrade complete), for retic chlorine at CLH and DDO (external alarms), DDO disinfection chlorine by 31/12/20 (no external alarms until SCADA upgrade complete), CLH new chlorine room expected by 31/12/21 (will enable online monitoring of disinfection CCP), chlorine and pH in BUG and KBI - interlocks are in place for BUG/KBI (shut down bore pump, external alarm once reservoir level low), can be put in place in BWY, CBN and MDN now with new PLCs (wiring required), ; pH online monitoring can be done for filtered water at BDN, BWY, DDO, CBN and MDN (need to buy & install additional probes that hook to the combined chlorine analyser); RW pH/NTU only measured online in MDN - currently not affordable for any other sites/not a CCP therefore lower priority, however DPIE advised that further funding based on risk protisation is likely to become available 23/3/21: BDN and BWY have online chlorine meters now + new PLC at BWY (SCADA upgrade required for external alarms; SDACA tender recommendation going to Council in April 2021); online NTU meters on order for BDN & BWY, to be installed by 30/4/21; gas chlorination for DDO by 31/3/21	Review audit report from consultant	
329	BWY	Disinfection	Major works	Chlorine room upgrade			27 June 2019 Improvement Plan review meeting	A5	27-Jun	High	Supervisor Treatment; Project Engineer; Manager Warrumbungle Water	24-Nov-20	4-Dec-20		Complete			Quotes received, to include chlorine room upgrade 13/12/19: Have received quotes, sizing to be confirmed. HunterH20 audit to be undertaken next week, HunterH20 to confirm requirements 28/2/20 Quotes to undertake work are being reviewed 24/7/20: New chlorine room on order 24/11/20: expect completion by 4/12/20 xxxxxx: COMPLETE	To be included as treatment plant upgrades		
330	BWY	Sedimentation works	Major works Lagoons	Investigate restoring bank integrity of sedimentation lagoons (e.g. relining lagoons)			30 July 2019 Improvement Plan review meeting	A6	27-Jun-19	High	Supervisor Treatment	03-Aug-21	31-Dec-21		In progress			Requested advice from HunterH20 27/9/19: asked CWT for advice, who provided advice - next stage: ? (contractor to give price for realigning) 28/2/20: Further investigation needed 24/7/20: Capital item in FY 20/21 (relining WTP lagoon - scoping) 25/3/21: lagoon assessment undertaken by contractor; \$30k budgeted in FY21/22 to undertake works 3/8/21: waiting for lagoon to dry out	Review previous advice and consider options		
331	ALL	Reservoirs	Documentation / Protocol	Council needs to develop reservoir SOP to inspect reservoir. Specific to individual reservoir requirements			27 June 2019 Improvement Plan review meeting	A7	27-Jun	High	Manager Warrumbungle Water	28-Feb-20	31-Mar-20		Closed			Operators have undertaken working at height training. 13/12/19: Engaged WEARS to undertake this work 28/2/20: Action closed as covered by new action 343	Follow up with WEARS		
332	All	Fluoridation		Replace fluoridation systems and staff training			27 June 2019 Improvement Plan review meeting	A8	27-Jun	High	Manager Warrumbungle Water	24-Apr-20	31-Dec-20		Closed			13/12/19: Confirmed to be undertaken as part of Hunter H20 NSW Health project. 28/2/20: Internal meeting today with Health on design. Scheduled a workshop in March to present design 24/4/20: Action closed and included as part of action 346			
333	All	Reservoirs		WHS upgrades and fencing of reservoirs, circular 18			27 June 2019 Improvement Plan review meeting	A9	27-Jun	High	Manager Warrumbungle Water; Supervisor Treatment	24-Jul-20	30-Jun-21		Closed			Funding FY19/20 13/12/2019: Circular 18 not yet submitted, 6 reservoirs still to be inspected, difficulties in getting Aquafilt to undertake inspection. To get WEARS to undertake inspections/cleans for remaining reservoirs. 28/2/20: Circular 18 submitted January 2020. 24/7/20: closed as included in new action A352	To arrange quote to get WEARS to undertake reservoir inspections/cleans for remaining 6 reservoirs.		
334	All	DWMS		Review and update DWMS *Develop, document and implement a process for reviewing formal requirements every 12 months or where there are any changes to Council's activities or formal requirements (A4) * Formally document and communicate roles and responsibilities of staff relating to management of drinking water quality. (A6) * Develop a regular review process to update the list of stakeholders. Ensure contact details are current and all relevant parties are involved in engagement processes.(A7) *Develop appropriate mechanisms for stakeholder commitment and involvement. Document the planned approach including partnership agreements or Memorandum of Understanding (MoU). (A9) * Ensure all operational procedures are documented and referenced in the DWMS document register (A117) * As part of Council's review of the DWMS risk assessment, review and discuss the effectiveness of existing processes and procedures in managing water quality. The review should draw on external research and information, the risk assessment, water quality analysis and organisational experience. With any changes in conditions, processes and procedures should be revalidated. (A260) * Describe process for document control for all DWMS documentation (i.e. ensure the currency, accessibility and appropriate review DWMS documents).(A267) * Update details for existing documentation in the DWMS document register.(A269) * Develop internal audit procedures and schedules appropriate to functionality of council and the water supply systems.(A277) * Develop and implement a process (including a schedule) for senior executive review of the effectiveness of the management system. The review process should include aspects such as; reports from audits, water quality performance, previous reviews, concerns from consumers and regulators and impacts of changes to internal or external conditions (e.g. regulatory, technology, organisational activities).(A285) * Review and update contact details listed in Table 10.(A334)			27 June 2019 Improvement Plan review meeting (Compilation of actions)	A10	27-Jun-19	High	Manager Warrumbungle Water	03-Aug-21	30-Sep-21		In progress			External project 13/12/19: Consultant has provided proposal to review and update DWMS 28/2/20: To update follow the risk assessment review (A20) No longer reporting monthly to General Manager. Annual update to Council (DWMS annual review report and improvement plan tabled). Review schedule to be formalised in DWMS update. 24/7/20: as per comment 28/2/20 24/11/20: Monthly reporting to GM resumed; still waiting on HH20 to commence Health funded risk assessment review 25/3/21: engaged ATOM to undertake DWMS update, had inception meeting, site visits scheduled for 19 + 20/04/21 3/8/21: received DWMS Update draft			
335	Coonabarabran	Disinfection		Review location and replace safety shower and eyewash for chlorine room			30 July 2019 Improvement Plan review meeting	A11	27-Jun	High	Supervisor Treatment	24-Nov-20	next week		Complete			Met with safety officer to review location and determine number of safety showers. 13/12/19: Shower and eyewash purchase, waiting to install 28/02/2020: to be installed by 6 March 24/7/20: landing still do and then to install eyewash 24/11/20: complete		Consultant	
336	All			Develop a process to regularly monitor and test safety showers and eye washes, include developing a register			27 June 2019 Improvement Plan review meeting	A12	27-Jun-19	High	Supervisor Treatment; Technical Officer	03-Aug-21	30-Sep-21		In progress			27/09/19: SS prepared draft checklist (16/08/19); locations need to be added; created carbon copy book/record documentation for each site (1xDDO sewer, 1xDDO water, 1xCLH water, 1xCLH sewer, 1xMDN water, 1xBWY water, 1xCBN sewer, 1xCBN water, 1xBDN water, 1xBDN sewer?) - check with supervisors what is practical 13/12/19: SS to add remaining locations and check with Supervisors 28/2/20: Register still being finalised. Supervisors to review once finalised. 24/11/20: Technical Officer position vacant since July 2020, hence no progress, however item is listed on site maintenance whiteboards 3/8/21: Tech officer to develop carbon copy books for weekly checks in liaison with Supervisor	Tech Officer to add remaining locations and check with Supervisors		
337	All			Ensure appropriate confined space signage is in place			27 June 2019 Improvement Plan review meeting	A13	27-Jun	High	Supervisor Treatment	24-Nov-20	31-Aug-20		Complete			Consultant to be engaged to develop register: 27/9/19: consultant cannot start before mid December 13/12/19: Consultant scheduled for mid Jan 2020 28/2/20 Consultant is preparing confined space register. Signage to be purchased and installed following development of register. 24/7/20: register completed - confirm if signage installed everywhere (AM to check) 24/11/20: AM confirmed all complete (compared against register) except signs for new lids at CBN WTP (got stickers but need something more permanent)			
338	Dunedoo	Reservoirs		Replace Rhodes Street reservoir roofs (reservoir rehabilitation project)			27 June 2019 Improvement Plan review meeting	A14	27-Jun	High	Manager Warrumbungle Water; Supervisor Treatment	24-Jul-20	8-Apr-21		Closed			27/9/19: waiting on WEARS quote; need to provide them design of Bulinda St roof 13/12/19: WEARS have provided estimate 28/2/2020: Final design needed to confirm costing 24/7/20: closed as included in new action A352			

No	Location	Process step	Category	Action	ADWG No.	ADWG Element	Source	Haz ID / Source number	Date added	Priority	Action Owner	Date reviewed	Due date (revised)	Due date notes	Status	Comments	Comments 29/08/18	Comments 27/6/19 & 30/7/2019 & 27/8/2019; 27/09/2019; 13/12/19; 28/2/20; 24/04/2020; 24/7/20; 24/11/20	Short term actions	Resource requirements	
339	All			Develop system wide SOPs * Formally document any procedure related to existing control measures identified in the risk assessment that are not currently documented. Involve relevant staff in the development of these procedures.(A85 & 103) * Compile all SOPs into an operations manual (A86) Develop SOPs for: * Laboratory water quality sampling and testing (A131) * Scheduled maintenance tasks (A131) * Daily rounds (A131) * Plant operations (A131)batching and dosing (A104) * filter maintenance (A105) * distribution failures such as main breaks, sufficient flushing, cleaning of tools (A108) notification procedure for mains breaks (A109), closing household property meters prior to recommissioning mains (A110) * Monitor the sedimentation ponds daily for contamination sources such as dead animals(A216) * Consider sampling and testing program following mains repairs -SOP to be developed for pipe break repairs (and include monitoring) (A99) DWMS documentation: * Ensure all operational procedures are documented and referenced in the DWMS document register (A117)			30 July 2019 Improvement Plan review meeting	A15		30-Jul-19	High	Supervisors	03-Aug-21	30-Jun-21		In progress			Refer to related actions 85, 86,103,104, 105, 107, 108, 109, 110, 131, 103, 216 27/9/19 & 13/12/19: supervisors to identify which other SOPs are required once we receive the ones from HH2O - then get quote from them to develop those the rest 28/2/20 - Staff meeting scheduled for 9 March 20, Supervisors still to identify SOPs required 24/11/20: AM to request quote from CWT for development of (selected/prioritised) outstanding procedures 25/3/21: this item has now also become part of WW Action Plan (employee engagement survey) 3/8/21: Supervisor/s to follow up with consultant (Peter Mosse)	Compile existing SWMS Compile existing SOPs Develop list of required SOPs (including those to be developed by Hunter H2O). Include priorities and timeframes to be developed. Staff meeting to be used to discuss required SOP/SWMS	Consultant
340	All	Documentation / Protocol		That WSC investigate and implement a formalised preventative maintenance program for all the WTP, reticulation and reservoir assets. Including maintenance schedules (Action 168 and 172) *Identify critical equipment and develop procedures to maintain, repair and replace equipment as necessary (A190)	4.4	Equipment Capability and Maintenance	30 July 2019 Improvement Plan review meeting (compilation of actions)	A16	Jul-2019	Medium	Supervisors	03-Aug-21	TBD		In progress			Operation and maintenance schedules to be prepared by HunterH2O as part of NSW Health DWMS project. 13/12/19: Confirmed that maintenance schedules for WTP are to be undertaken as part of Hunter H2O NSW Health project. Will follow fluoridation project. 3/8/21: received O&M schedules for WTPs from HH2O in June 2020; formalised program outstanding as well as schedules for retic and reservoirs (reservoir items covered in weekly checklists - A 343) A190: 30/7/21: Critical spares list developed (on paper), needs to be recorded digitally/formalised within DWMS --> record under Asset Mgt and update when equipment is being serviced (sewer pumps)		Consultant	
341	All	All	Documentation / Protocol	Develop an Emergency Response Plan (ERP)/Incident Response Plans (IRPs), including: *Review and finalise ERP in DWMS Implementation Report (2016)(A232) * Establish a rapid communication system to deal with unexpected events (A138 & 223) * Train relevant staff in these procedures (rapid communication incident response) and maintain a record of training. (A139) *Define communication protocols with the involvement of relevant agencies and include in the protocols a contact list of relevant agencies and businesses and their relevant key people.(A225) * Identify an appropriate person to handle all incident and emergency communications and ensure they are appropriately trained (A228) * Develop a process for documenting and reporting of an incident or emergency.(A235) *Employees should be trained and protocols regularly tested in the emergency response plans. The requirement for this should be included in the ERP.(A236) *Develop a process for investigation following incidents and emergencies and document this process. Include in this process a mechanism for revision of any emergency protocols, where an investigation demonstrates it is required.(A234) * Identify possible water quality related incidents and emergency scenarios (the risk assessment should be used as a basis) and document these potential scenarios in an Incident and Emergency Response Plan. Document procedures and response plans to address these incidents (can refer to guideline protocols from NSW Health as provided in the DWMS). Add to the ERP particular processes that are required to address severe hazard / emergency scenarios, such as algal blooms, fuel spills, bushfire etc. The development of these protocols should involve relevant agencies.(A233) *Reference dialysis process in ERP (A229/224) *Undertake an exercise of the incident response plan with PHU following finalisation of ERP (A232)			Feb-2020 review meeting (compiled action)			Feb-2020	High	Manager Warrumbungle Water	03-Aug-21	31-Dec-21		In progress			28/2/20: Confirmed that development of ERP is to be undertaken as part of Hunter H2O NSW Health project. Actions 8, 138, 139, 223, 225, 228, 232, 233, 234, 235 closed and are now covered under this action. Progress delayed (prioritised filter inspection) 24/7/20: added actions 139, 236 and 342 to this item; Also refer to Action 224/229 (dialysis list/notification procedure; low priority) 3/8/21: IRPs developed in draft by HH2O in Oct-2020; mock events scheduled for 24/25 August 2021		Consultant
342				Undertake an exercise of the incident response plan with PHU following finalisation of ERP (A232)					Feb-2020	High	Manager Warrumbungle Water	24-Jul-20	30-Jun-20		Closed			28/2/20: New action created, to be undertaken following completion of 341 (ERP)			
343	All			Development of document to undertake regular reservoir inspections: * Consider a routine reservoir inspection (checking locks etc.), A106 *develop reservoir SOP (specific to individual reservoir requirements) (A334 & 107) *develop reservoir inspection checklists for the operators (A310) *Train operators in reservoir inspections (A310) *Develop regular (weekly/monthly/annual) reservoir integrity inspection and reporting program (A273) * Assess compliance regarding reservoir access with Australian Standards and common sense (A84)			Feb-2020 review meeting (compiled action)			28-Feb-20	High	Supervisor Treatment	03-Aug-21	31-Dec-21		In progress			28/2/20: New action created to compile a number of related actions (A334, 107, 310, 273, 84) Visuals inspections are currently recorded in diaries. Engaging contractor (WEARS) to develop reservoir integrity checklist to undertake inspections. Including assessing WHS issues that are limiting inspections currently. 24/7/20: WEARS to redevelop (got lost) 24/11/20: reminded WEARS 3/8/21: checklists still outstanding from WEARS	Follow up with WEARS	
344				Review and respond to NSW Health cryptosporidium risk model letter			April 2020 review meeting			High	Manager Warrumbungle Water; Supervisor Treatment; Technical Officer	24-Jul-20	30-May-20		Complete			24/4/2020: Letter received by NSW Health 20 December 2019, request still to be reviewed and responded to	Internal to meeting to complete		



AUSTRALIAN
LOCAL GOVERNMENT
ASSOCIATION



**DON'T LEAVE LOCAL
COMMUNITIES BEHIND!**

Federal Election Priorities

Successfully delivering for Greater Sydney communities



Rouse Road footbridge (\$22 million), Blacktown City Council, NSW

Blacktown City Council Mayor Tony Bleasdale said the opening of the Rouse Road Bridge in 2019 - partially funded through the Commonwealth's Bridges Renewal Programme - solved a number of significant problems and that the bridge was a major access point for the Tallawong Metro station and Rouse Hill Anglican College.

"This area is experiencing rapid growth and the old causeway was an enormous traffic bottleneck and a serious safety concern for pedestrians and motorists alike during times of heavy rain," Cr Bleasdale said.

"Blacktown City Council had the bridge planned for some time, but needed to wait for available funding. The Australian Government grant enabled the work to be fast-tracked."

Authorised by Matt Pinnegar Chief Executive Officer of ALGA.

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Intergovernmental Relations

Introduction: Linda Scott, ALGA President

As our nation faces social and economic challenges unseen in peace-time Australia, Australians need their decision-makers working together.

They want, expect, and need pragmatic policy making that delivers a locally led recovery from COVID-19, and a focus on opportunity rather than austerity from this economic crisis.

In total (including direct and flow-on impacts), the funding priorities we've proposed in this document are estimated to contribute at least \$6.46 billion per annum on average to Australia's Gross Domestic Product (GDP), as well as support an average of 43,444 full time equivalent (FTE) jobs per annum across Australia over a four-year period.

By working with Australian councils – the level of government closest to its community – a future Federal Government can put steps in place to guarantee no local community is left behind as we recover from COVID-19.

DON'T LEAVE LOCAL COMMUNITIES BEHIND!

The COVID-19 pandemic that shook Australia in March 2020 has imposed new physical, social, and economic realities in Australia.

Occurring almost simultaneously with the Black Summer fires, floods, and drought, the pandemic helped trigger Australia's first recession in nearly 30 years.

It has led to unprecedented Commonwealth, state and local government economic support for those most affected by the economic and social impacts, but the cumulative shocks to our system – exacerbated by the Delta variant and a mammoth vaccination task – have presented all governments with significant financial challenges, which local governments are unable to face without the support of the Commonwealth.

Businesses closed their doors and laid off staff, families lost income, and individuals were left isolated from friends and loved ones.

Unwelcome as the pandemic was, it has also revealed the adaptability, innovation, and resilience of our nation and its citizens.

Through stay-at-home orders in place, our homes became our offices, schools, and lecture halls, and many have faced unemployment or uncertainty about how to pay the rent or support our families.

Within days of the announcement of lockdowns and health restrictions, we took difficult but necessary steps to protect our communities from the risks of infection – educating people about the need for social distancing and providing masks and food for communities.

We used our own limited funding to provide financial support to local small businesses directed to close because of COVID-19 restrictions, and organised vouchers for aged and other vulnerable locals to redeem at participating local cafes and restaurants struggling to stay in business.

We supported our communities to innovate, quickly adapting in a way only local governments can.



Councillor Linda Scott
President of the Australian Local
Government Association

As communities and businesses “pivoted”, we saw the adaptability that characterises local government.

Recognising that broad economic stimulus and job-creation programs were the keys to community recovery, local governments accelerated local employment-generating programs.

We partnered with other governments to roll out targeted capital works to improve road safety, rejuvenate or upgrade local community assets, and enhance our local parks, footpaths and community open spaces.

Forced to contemplate what the future might look like post-COVID, many Australians believe our communities should be restored not to what they were, but to what they could be.

A successful national recovery is a recovery that will be made up of thousands of smaller locally driven recoveries led by local governments in partnership with funding partners: private, philanthropic, state, territory and federal.

To sustain such a recovery and ensure it is felt across all communities regardless of size or location, we need a stronger, more equal partnership between governments. Our local communities need more investment, and they need to have a greater say in decision-making about their futures.

All spheres of government, elected and administrative, must work together to ensure that economic recovery post-COVID does not falter.

We have a once-in-a-lifetime opportunity to build a better future: one that bolsters community connection, wellbeing and resilience.

This document lays out a series of offers to the next incoming government, alongside a set of asks.

They build upon local government’s strengths and its proven track record of working in partnership to deliver for Australian communities and national productivity.

The policies contained in these election priorities have been assessed by independent economists, who were engaged to model the contribution to the Australian economy from each priority investment as well as articulate the socio-economic benefits these programs can be expected to deliver.

They are exactly what is needed to ensure local communities of all sizes are in a strong position to drive the inclusive recovery all Australians want and that leaves no community behind.

Local government can lead and deliver the strong community-focused recovery from COVID-19 by:

- leading local economic growth;
- delivering stimulus projects that generate local jobs, support local businesses and boost productivity;
- enabling economic growth through the development of a circular economy;
- building community resilience to disasters and climate change; and
- facilitating community wellbeing.

	Local Government Offer to the Australian Government	Local Government Ask of the Australian Government
Economic Recovery	To partner with the Federal Government to create more jobs, while addressing the nation's skills shortage through training and upskilling Australian workers.	To commit to a progressive increase in Financial Assistance Grants to at least one percent of Commonwealth taxation revenue (at least \$4.5 billion per year), and an initial injection of additional Financial Assistance Grants funding.
Transport and Community Infrastructure	To partner with the Federal Government to create infrastructure that will improve the safety, liveability and productivity of our communities, while contributing to Australia's economic recovery.	To invest \$500 million per year for four years extending the Local Roads and Community Infrastructure Program, while increasing roads funding and improving digital connectivity in our regions. To invest in an innovative housing partnerships of \$200m over four years to support affordable housing in communities.
Building Resilience	To partner with the Federal Government to grow the resilience in our communities, mitigate against the impacts of future disaster events, while focussing on local opportunities to reduce our carbon emissions and to Close the Gap between Indigenous Australians and the nation.	To provide \$200 million per year for four years for a targeted disaster mitigation program, while establishing a \$200 million Local Government Climate Partnership Program and supporting all councils to implement Closing the Gap targets with \$100 million per annum over four years.
Circular Economy	To identify and implement opportunities to reduce waste sent to landfill and support the development of a circular economy that will deliver environmental and economic benefits for all our communities.	To provide \$100 million per year for four years to fund local government circular innovation projects, and support our communities to reuse wherever possible.
Inter-governmental Relations	To provide a local, place based community perspective to intergovernmental deliberations to ensure that decisions are responsive to local needs and have regard to the great diversity between communities.	To reinstate local government representation to the primary intergovernmental forum in Australia, the National Cabinet, and ensure local government's ongoing voting membership of other Ministerial forums.

Economic Recovery

Government responses to COVID-19 over the past two years have been overwhelmingly concentrated on averting a health and economic crisis. 2022 and the years beyond are set to be dominated by discussions and decisions around economic recovery.

New policies and strategies will be required to ensure all Australians can be employed in secure, meaningful, and sustainable jobs.

With our footprint across the nation and a workforce that encompasses 394 occupations, local governments provide an ideal catalyst for growing jobs.

We are also the ideal vehicle for co-investment in new job-creation initiatives.

Increased federal funding and investment will help councils roll out new local economic stimulus projects and give us the ability to cut the red tape that might potentially be slowing or blocking other investments planned for communities across Australia.

We would be able to create more jobs, including traineeships and apprenticeships, to address an emerging skills gaps in local government that threatens to slow decentralisation efforts aimed at rejuvenating regional and rural Australia.

Longer term certainty with Federal funding will enable Council's to invest in workforce planning and training.

In many communities, we are proud to be a major employer of Aboriginal and Torres Strait Islander peoples. Local governments are willing to support opportunities for skill training, new jobs, and business opportunities for indigenous people and their communities to help close the gap on indigenous disadvantage.

An added benefit of increased federal funding to local government is that it will help achieve equitable levels of services across all parts of Australia, build community resilience and wellbeing, and improve productivity-generating infrastructure.

Don't leave our regional communities behind



Commonwealth Financial Assistance Grants support equitable service levels for all Australians and ensure that no community is left behind.

These grants are particularly vital in many regional communities, but over the past twenty years they have significantly declined as a share of total Commonwealth taxation revenue.

North Burnett Regional Council Mayor Rachel Chambers, pictured, said a number of factors including amalgamation, changes to Financial

Assistance Grants, and increasing depreciation expenses placed the region in a predicament, and could cost local jobs in her community.

“Our back is against the wall. We’re running out of money, we’re running out of options to save jobs, and we’re running out of time,” she said. “We have to use depreciation as an expense so our expenses have increased and that has been an issue. Then we have had budget cutbacks by the state and federal governments over the years.”

Economic Recovery

Failure to secure future federal funding creates the real risk of communities being disproportionately impacted in this period of economic recovery.

Councils are also grappling with the budget repair challenges that are facing state and federal treasuries.

Funding certainty is critical to the short and long-term planning of councils, particularly in rural and regional areas where there is a greater reliance on external funding.

We are seeking:

1: An initial injection of Financial Assistance Grants to local government worth \$1.3 billion to support communities and jobs and also resolve the current practice of bringing forward two quarterly Financial Assistance Grant payments each year.

If funded:

Jobs created: 13,213

Contribution to annual Gross Domestic Product (\$b): \$1.928

2: A commitment to return Financial Assistance Grants to at least one percent of Commonwealth taxation revenue - an additional (\$b) 1.598 per year - via a phased approach to be agreed with the Government.

If funded:

Jobs created: 16,242

Contribution to annual Gross Domestic Product (\$b): \$2.370

Local Government Offer to the Australian Government

To partner with the Federal Government to create more jobs, while addressing the nation's skills shortage through training and upskilling Australian workers.

Local Government Ask of the Australian Government

To commit to a progressive increase in Financial Assistance Grants to at least one percent of Commonwealth taxation revenue (at least \$4.5 billion per year), and an initial injection of additional Financial Assistance Grants funding.

Better Transport and Community Infrastructure

Well-targeted infrastructure investment generates lasting economic, social and environmental benefits.

It lowers costs for business and government and better connects workers to their jobs. It increases community resilience and ensures we as a nation are protected against the extreme weather events associated with global warming.

We are responsible for 33 percent of Australia's public infrastructure, including 75 percent of the country's roads by length. Much of this infrastructure is ageing and needs renewing or replacing so it meets community and industry needs.

Roads represent 39 percent of the total local government infrastructure with a total replacement cost of \$204 billion. Bridges represent four percent of the total infrastructure with a replacement cost of \$26 billion. Park and Recreation assets represent \$16 billion or 3 percent of the total infrastructure replacement cost.

However, we collect only 3.5 percent of all taxes raised in Australia, while faced with the mammoth task of maintaining a third of the nation's infrastructure.

Councils are committed to providing quality infrastructure and creating sustainable jobs.

We need additional funds to achieve this commitment and a longer-term funding assurance that allows councils to recruit trainees and apprentices, upskill workers, and attract skilled workers into rural, regional and remote areas.

Access to affordable housing underpins the economic and social fabric of local communities. We are calling for a national housing summit that can develop a national housing strategy to address the current housing challenges in our communities. Local governments must be involved with national housing governance arrangements.

Successfully delivering for Perth suburban communities



Thornlie Community and Sports Hub (\$5.6 million, partially funded through Community Development Grants Programme) City of Gosnells, WA

"It's been very exciting to watch this building rise from the ground," Gosnells Mayor David Goode says.

"The hub will provide important facilities to keep local residents active, provide a welcoming meeting place, and support local community groups. I look forward to the day when we can welcome the whole community to enjoy it."

Better Transport and Community Infrastructure

We are seeking:

1: A \$500m per annum four year continuation of the Local Roads and Community Infrastructure program which allows councils to deliver projects that respond to local needs.

If funded:

Jobs created: 3,974
Contribution to annual Gross Domestic Product (\$m): \$604

2: A strategic local roads investment program of \$300m per annum over four years to address road transport first and last mile issues and congestion on local roads.

If funded:

Jobs created: 2,332
Contribution to annual Gross Domestic Product (\$m): \$366

3: An increase in Roads to Recovery to \$800m per annum (an additional \$300m per annum) and the Black Spot Program to \$200m per annum over four years, while addressing the South Australian road funding anomaly by making the additional \$20m per annum to SA in 2021-22 and 2022-23 permanent, to more sustainably manage local government's 75% share of the national road network and boost productivity and road safety.

If funded:

Jobs created: 3,214
Contribution to annual Gross Domestic Product (\$m): \$502

4: Continuation of the Stronger Regional Digital Connectivity Package at \$55m over four years to improve community resilience and local economic recovery.

If funded:

Jobs created: 99
Contribution to annual Gross Domestic Product (\$m): \$18

5: \$200m over four years to assist councils to develop and implement innovative housing partnerships.

If funded:

Jobs created: 469
Contribution to annual Gross Domestic Product (\$m): \$68

Local Government Offer to the Australian Government

To partner with the Federal Government to create infrastructure that will improve the safety, liveability and productivity of our communities, while contributing to Australia's economic recovery.

Local Government Ask of the Australian Government

To invest \$500 million per year for four years extending the Local Roads and Community Infrastructure Program, while increasing roads funding and improving digital connectivity in our regions. To invest in an innovative housing partnerships of \$200m over four years to support affordable housing in communities.

Resilient Communities Building Back Better

Communities across Australia are doing it tough – their physical, financial and mental reserves depleted by years of drought swiftly followed by the Black Summer bushfires, the coronavirus pandemic and severe storms and flooding.

All levels of government have worked hard to address the challenges thrown up by these rolling disasters.

They have supported businesses, communities, and individuals –and they are now focused on engineering a national economic recovery.

Although mass vaccinations diminish the health threats posed by COVID-19, the swift succession of natural disasters has demonstrated that communities need to be better prepared.

The likelihood of more frequent severe weather events in future underlines this need.

Investing in programs to mitigate natural disasters is critical to building community resilience.

Communities derive substantial co-benefits from investments in mitigation and adaptation – including new employment opportunities, regional growth, lower insurance premiums, and faster reductions in greenhouse gas emissions.

Working in partnership with the Australian Government, we can deliver highly effective projects that greatly assist communities to be better prepared and better able to adapt to future climatic conditions.

Successfully delivering for communities in rural Victoria



Rokewood Bridge upgrade (\$541,000) Golden Plains Shire, Victoria.

“It’s terrific to see that works have now been completed to replace the old, single lane bridge over the Kuruc A Ruc Creek with a double lane and unrestricted structure, that is safer for all bridge-users”, Golden Plains Shire Mayor Cr Helena Kirby, pictured, said.

“Golden Plains Shire is home to many older bridges, and thanks to the Australian Government’s Local Roads and Community Infrastructure program, we’ve been able to get on and

upgrade the Reserve Road Bridge for the benefit of the surrounding community.

“Reserve Road Bridge is the first of four bridge upgrade projects that Council will complete in 2021, with works underway or soon to begin on bridges in Meredith, Rokewood and Rokewood Junction.”

Resilient Communities Building Back Better

We are seeking:

1: A targeted disaster mitigation program of \$200m per annum for four years which will reduce the costs of response and recovery and is a sound investment in strengthening community resilience.

If funded:

Jobs created: 1,833
Contribution to annual Gross Domestic Product (\$m): \$280

2: A commitment to ensuring betterment funding as a core element of disaster recovery funding arrangements.

3: A commitment to include community infrastructure that is publicly accessible and owned, and local government waste, water and wastewater assets under the Disaster Recovery Funding Arrangements.

4: A Local Government Climate Response Partnership Fund of \$200m over four years to enable planning and preparation to minimise the impacts of climate change in local communities and enable councils to achieve climate neutrality as soon as practicable.

If funded:

Jobs created: 467
Contribution to annual Gross Domestic Product (\$m): \$73

5: \$100 million per annum over four years provided directly to local governments to support the capabilities of indigenous councils and implementation of the Closing the Gap local/regional voice.

If funded:

Jobs created: 804
Contribution to annual Gross Domestic Product (\$m): \$117

Local Government Offer to the Australian Government

To partner with the Federal Government to grow the resilience in our communities, mitigate against the impacts of future disaster events, while focussing on local opportunities to reduce our carbon emissions and to Close the Gap between Indigenous Australians and the nation.

Local Government Ask of the Australian Government

To provide \$200 million per year for four years for a targeted disaster mitigation program, while establishing a \$200 million Local Government Climate Partnership Program and supporting all councils to implement Closing the Gap targets with \$100 million per annum over four years.

Creating a Circular Economy

Guided by the 2018 National Waste Strategy and the 2019 National Waste Policy Action Plan, building Australia's transition from a linear economy to a circular economy is gaining traction.

By embracing the principals of circularity – retaining the value of materials for as long as possible, designing out waste and pollution, and regenerating natural systems – Australia will develop new industries and jobs, reduce greenhouse gas emissions, and make more efficient use of our natural resources.

As modelled by the Centre for International Economics in 2017, a five percent improvement in the effectiveness of recycling and resource recovery could benefit Australia's GDP by as much as \$24 billion.

In addition, for every 10,000 tonnes of waste recycled, 9.2 jobs would be created, compared with only 2.8 jobs when the same amount of waste is sent to landfill.

As an example, the South Australian Government has estimated that 25,700 new full-time equivalent jobs could be created in South Australia by 2030 by adopting a more circular economy.

Councils are major players in the management of household and domestic waste.

Local governments co-invest in new materials recycling facilities, lead community education and awareness campaigns, and help to create a sustainable market for recycled materials through procurement policies.

Australia can realise the full potential of a circular economy sooner if local government's engagement and capabilities are effectively harnessed.

Local Government Offer to the Australian Government

To identify and implement opportunities to reduce waste sent to landfill and support the development of a circular economy that will deliver environmental and economic benefits for all our communities.

Local Government Ask of the Australian Government

To provide \$100 million per year for four years to fund local government circular innovation projects, and support our communities to reuse wherever possible.

Creating a Circular Economy

We are seeking:

- 1: Support to provide guidance and advice to councils on how to unlock the circular economy locally, particularly in rural, regional, and remote areas.
- 2: Support to investigate and, if feasible, implement a national bin harmonisation program that will improve kerbside recycling, reduce contamination, and maximise opportunities for reuse.
- 3: Funding of \$100 million per annum over four years to fund local government circular waste innovation projects.

If funded:

Jobs created: 797

Contribution to annual GDP (\$m): \$136

What sustainably funded councils could deliver for communities



Upgraded municipal resource recovery infrastructure for South Australia's Limestone Coast.

Naracoorte Lucindale Council Mayor Erika Vickery OAM (pictured centre) says additional financial support from the Federal Government is a catalyst for state and local government and commercial investment in waste management infrastructure.

“By working together, we can all participate in and promote the use of materials that circulate through our economy again and again, providing ongoing value, efficient use of resources and knowledge-based jobs for the future.”

Intergovernmental Relations

The Australian Local Government Association was a foundation member of the Council of Australian Governments (COAG), and over 28 years made a substantial contribution to our federation.

When COAG was scrapped and replaced by the National Cabinet in mid-2020, local government was effectively sidelined from membership.

The result is that Australia's pre-eminent intergovernmental forum lacks a strong and effective advocate for local communities.

As the level of government closest to the community, we have a unique insight into how to create new jobs, drive economic growth, and build better lives for Australians.

Properly heard, our viewpoints would ensure that decisions are responsive to local needs and contribute to achieving the best outcomes at a local level and cumulatively at the national level.

Australians expect their governments to make decisions that reflect their unique circumstances and requirements.

At the same time, they want all three spheres of government to work together to achieve shared national objectives.

This can only be achieved through ALGA's participation in the National Cabinet or any subsequent structure.

Our place-based, community perspective should not be overlooked – nor our role as a voice for the concerns and aspirations of local communities.

ALGA's input would balance and complement the broader view of the First Ministers, helping to ensure that National Cabinet deliberations result in stronger and more resilient communities.

We are seeking:

- 1:** Full membership of the National Cabinet.
- 2:** A guaranteed seat at relevant Ministerial forums.

Local Government Offer to the Australian Government

To provide a local, place based community perspective to intergovernmental deliberations to ensure that decisions are responsive to local needs and have regard to the great diversity between communities.

Local Government Ask of the Australian Government

To reinstate local government representation to the primary intergovernmental forum in Australia, the National Cabinet, and ensure local government's ongoing voting membership of other Ministerial forums.



AUSTRALIAN
LOCAL GOVERNMENT
ASSOCIATION

**DON'T LEAVE LOCAL
COMMUNITIES BEHIND!**

Federal Election Priorities

The Australian Local Government Association (ALGA) is the national voice of local government, representing 537 councils across the country. In structure, we are a federation of state and territory local government associations.

ALGA's members include:



Local government key facts and figures

There are 537 councils Australia-wide. Of these, around 55 percent are regional, rural, or remote councils.

Local government employs 194,000 people.

The first local government established in Australia was in Adelaide in 1840.

Australia's largest council by population is Brisbane City Council, servicing a population of 1.25 million.

Australia's largest council by area is East Pilbara in Western Australia. It covers an area of 379,571 square km (larger than Victoria), has a population of 11,005 and 3,237km of roads.



Health

Roger Bailey
General Manager
Warrumbungle Shire Council
info@warrumbungle.nsw.gov.au

Our ref H21/254214

Dear Mr Bailey

I am writing about the status of water fluoridation in Warrumbungle Shire Council's public water supplies.

NSW Health has been working with Council since 2018 to develop and implement a plan to see fluoride returned to the water supplies in Coonabarabran, Baradine, Binnaway, Mendooran and Coolah. I understand that Council staff have been working closely with NSW Health and engineering consultant Hunter H2O to plan a return to fluoridation.

NSW Health offers a 100% subsidy covering the capital and associated costs for fluoridation. Council has previously received a subsidy for the installation of five fluoridation systems. NSW Health may also provide a subsidy for approved capital upgrades.

I am advised that Council has received a cost estimate of up to \$2.67M to upgrade the five systems. I understand that Council has some capacity to deliver these works using in-house resources in conjunction with other water supply projects. Council has proposed to initially complete the installation of fluoridation equipment and associated works at Coolah using in-house resources. This project is expected to cost in the order of \$130K. Council will then work with NSW Health to review the preferred procurement pathway for the remaining four systems.

NSW Health supports Council's approach and can confirm that Council is eligible to apply for a 100% subsidy payment for the work at Coolah. Subsidy payment is subject to approval of the fluoridation system before procurement and approval of the installed equipment. NSW Health and the Department of Planning and Environment – Water will continue to support Council with these approvals.

I acknowledge Council's commitment to fluoridation in Warrumbungle Shire. The re-commencement of fluoridation will continue to provide consumers with the proven health benefits that have been available to the majority of NSW for over 50 years.

For more information, please contact Josh Tickell, Senior Project Officer Water Unit on (02) 9391 9030 or josh.tickell@health.nsw.gov.au

Yours sincerely

Dr Richard Broome
A/ Executive Director, Health Protection NSW
Dated: 16/02/2022



Travel Expenses of Members of Council

Warrumbungle Shire Council

DATE: 21/12/2022

NAME: Councillor Dale Hogden

ADDRESS: 10 Digilah Street
DUNEDOO

VEHICLE: TOYOTA HILUX 2.8L

CAPACITY: Under 2.5 litres 2.5 litres and over

Meeting: Monthly Council	17/12/2022	200.	kms @ .78	\$ 156.00
Meeting: INDUCTION	14/12/2022	200.	kms @ .78	\$ 156.00
Meeting: INDUCTION	31/1/2022	200	kms @ .78	\$ 156.00
Meeting: INDUCTION	24/1/2022	200.	kms @ .78	\$ 156.00
Meeting: BARNEY'S REEF WIND FARM GULBONG.	17/1/2022	110.	kms @ .78	\$ 85.80
MEETING: IT TRAINING	10/1/2020	200	KM @ .78.	\$ 156.00.
			TOTAL	\$ 865.80.

Signature of Claimant:

I hereby certify that:

- (a) the computations of this account are correct.
- (b) the charges are, so far as I am able to ascertain, fair and reasonable.

For and on behalf of General Manager



Travel Expenses of Members of Council

Warrumbungle Shire Council

DATE: 17 / 2 / 2022

NAME: Councillor Carlton Kopke

ADDRESS: MENDOORAN

VEHICLE: L04 - T60


CAPACITY: Under 2.5 litres 2.5 litres and over

Meeting: Monthly Council	17 / 2 / 2022	144 kms @	78	\$ 112.32
Meeting: IT Induction	10 / 1 / 2022	144 kms @	78	\$ 112.32
Meeting: Council Induction	31 / 1 / 2022	144 kms @	78	\$ 112.32
Meeting:	/ / 2022	kms @		\$
Meeting:	/ / 2022	kms @		\$
		TOTAL		\$ 336.96

Signature of Claimant: 

I hereby certify that:

- (a) the computations of this account are correct.
- (b) the charges are, so far as I am able to ascertain, fair and reasonable.

..... 

For and on behalf of General Manager



Travel Expenses of Members of Council

Warrumbungle Shire Council

DATE: 17/2/2022

NAME: Councillor Kathryn Rindfleish

ADDRESS: COOLAH

VEHICLE:

CAPACITY: Under 2.5 litres 2.5 litres and over

Meeting: Monthly Council	17 / 2 / 2022	174 kms @ 0.78	\$ 135.72
Meeting:	/ / 2022	kms @	\$
Meeting:	/ / 2022	kms @	\$
Meeting:	/ / 2022	kms @	\$
Meeting:	/ / 2022	kms @	\$
TOTAL			\$ 135.72

Signature of Claimant:

I hereby certify that:

- (a) the computations of this account are correct.
- (b) the charges are, so far as I am able to ascertain, fair and reasonable.

For and on behalf of General Manager



Travel Expenses of Members of Council

Warrumbungle Shire Council

DATE: 17 12 / 2022

NAME: Councillor Denis Todd

ADDRESS: 'Wheatfields'
BARADINE

VEHICLE: Ford 250

CAPACITY: Under 2.5 litres 2.5 litres and over

Meeting: Monthly Council	17 12 / 2022	115 kms @ 0.78	\$ 89.70
Meeting: Induction Meet	1 / 2022	115 kms @	\$ "
Meeting: Induction	1 / 2022	115 kms @	\$ "
Meeting: Induction	14 11 / 2022	115 kms @	\$ "
Meeting: North West Wrought	3 12 / 2022	115 kms @	\$ "
Australia Day	26-1-22	115	\$ "
Visit to GM man check computer up		115 TOTAL	\$ 627.90

Signature of Claimant: *DT Todd*

I hereby certify that:

- (a) the computations of this account are correct.
- (b) the charges are, so far as I am able to ascertain, fair and reasonable.

[Signature]
For and on behalf of General Manager

MINUTES OF THE TRAFFIC ADVISORY COMMITTEE MEETING HELD IN THE GALLERY MEETING ROOM, COUNCIL ADMINISTRATION BUILDING, JOHN STREET, COONABARABRAN ON THURSDAY, 24 FEBRUARY 2022 COMMENCING AT 10.06 AM

PAGE 1

PRESENT: Cr Carlton Kopke (Chairperson), Mr Mal Unicomb (Local State Member Representative) and Mr Richard Drooger (TfNSW).

IN ATTENDANCE: Ms Carmel Hannelly (TfNSW), Mr Gary Murphy (Director Technical Services), Mr Sugun Selvarajah (Design & Project Engineer) and Mr Kumar Satkumaran (Manager Projects) (Minutes).

APOLOGIES: Senior Constable Kelvin Kilsby (NSW Police).

CONFIRMATION OF MINUTES

21/2122 RECOMMENDED that the minutes of the Traffic Advisory Committee meeting held on 2 December 2021 be confirmed.

Drooger/Unicomb

BUSINESS ARISING FROM THE MINUTES

The following matters were noted as outstanding:

- Black Stump Way – Council request to NHVR that any road in the Warrumbungle Shire that is a 25 metre B Double Route be converted to a 26 metre B Double Route. *Matter to be followed up with Council's Director Technical Services.*
- Audit of 'No Parking' Signs in Coonabarabran CBD – 'No Parking' signs to be replaced and installed as per audit.
- 40kph Speed Zones for Coonabarabran and Dunedoo – *submissions closed on 21 December 2021. Considered at February Council meeting and resolved to reject proposal.*
- Extension of double unbroken lines on the Newell Highway from Gardener Street to Dandry Road, Coonabarabran. *Works scheduled with TfNSW Linemarking Crews when next in the area. Richard Drooger to follow up with an email to Dubbo for an indicative commencement date.*
- Installation of Disabled Car Parking Space in Bolaro Street, Dunedoo - further investigations required in relation to a suitable design and location.
- ARTC level crossing on Golden Highway at Dunedoo – installation of yellow box markings and signage – *Council to schedule works under the RMCC.*
- Overhanging trees on the southern travel lane of Oxley Highway from the intersection of Yaminbah Road for approximately 15km – *TfNSW to schedule works.*

AGENDA ITEMS

a) Removal of 'One Way' Sign at Little Timor Street Plaza, Coonabarabran
22/2122 RECOMMENDED that the 'One Way' sign located at the intersection of John Street and Little Timor Street, Coonabarabran adjacent to the Little Timor Street Plaza be removed.

Kopke/Unicomb

b) Request to Extend 50kph Speed Zone on River Road, Coonabarabran
23/2122 RECOMMENDED that request to extend the 50kph speed zone on River Road, Coonabarabran be referred to TfNSW for a Speed Zone Review.

Drooger/Unicomb

c) Request to Install a 'Concealed Driveway' Sign at Rail Crossing on Warrumbungles Way, Binnaway

24/2122 RECOMMENDED that request to install a 'Concealed Driveway' sign at rail crossing located on Warrumbungles Way, Binnaway be reviewed at a later date as TfNSW are currently in the process of reducing speed zones to 80kph at rail level crossings, which will include this site.

Unicomb/Drooger

It was noted that TfNSW recently completed the Speed Zone Review and determined that the speed be reduced to 80kph. An 80kph speed zone will be implemented 400m either side of the rail crossing. Signage is to be provided by TfNSW and installed by Council.

d) Request to Install a Speed Advisory Sign on Neilrex Road, Binnaway

A request was raised at Council's Binnaway Community Consultation meeting to install a speed advisory sign on Neilrex Road, Binnaway. It was noted that the road name provided was incorrect and should be Piambra Road. The Committee determined that Council conduct a safe speed survey with a report to be brought back to the Traffic Advisory Committee.

e) Proposed Bus Route Extension on Tooraweenah Road

25/2122 RECOMMENDED that:

1. The Bus Route extension of 2.6km on Tooraweenah Road to property 'Yarragrinn' be supported.
2. Council undertake a review of the proposed site and provide a response to the bus operator.

Kopke/Drooger

f) SaSS Coolah Pull Up a Stump Project – Installation of Kerb Blister and Steel Screens – Binnia Street and Cunningham Street

26/2122 RECOMMENDED that concurrence be sought from TfNSW to install a kerb blister in Binnia Street and steel screens in Cunningham Street, Coolah subject to:

1. A successful Streets as Shared Spaces funding application for the Coolah Pull Up a Stump Project.
2. Screens are compliant with safety requirements.

Kopke/Drooger

g) Coonabarabran Pony Club – Request for Closure of Reservoir Street for Cross Country Event – 24 April 2022

27/2122 RECOMMENDED that approval be granted to the Coonabarabran Pony Club for part closure of Reservoir Street, Coonabarabran on Sunday, 24 April 2022 between 8.00am and 3.00pm to conduct the Cross-Country event subject to compliance with Council's Road Closure Guidelines.

Drooger/Unicomb

h) Coonabarabran Pony Cub – Request for Closure of John Street for Street Parade – 30 September 2022

28/2122 RECOMMENDED that approval be granted to the Coonabarabran Pony Club for part closure of John Street and Edwards Street, Coonabarabran on Friday, 30 September 2022 between 3.00pm and 3.30pm to conduct the Annual Street Parade subject to compliance with:

- TfNSW Guidelines
- Council's Road Closure Guidelines
- TfNSW Road Occupancy Licence
- TfNSW Regional Special Events concurrence

Drooger/Unicomb

i) Baradine Junior Sports Club – Request for Closure of Darling Street and Masman Street for 2022 Baradine JRL&NC Competition

29/2021 RECOMMENDED that request by Baradine Junior Sports Club to close part Darling Street and Masman Street, Baradine on 30 April, 28 May and 20 August 2022 between 7.30am and 4.00pm for the Baradine Junior Rugby League and Netball Competition be rejected on the basis of cost, benefit and low traffic volume.

Kopke/Unicomb

j) Request for Truck Timed Parking Southbound Lane John Street, Coonabarabran – Opposite Shell Service Station

30/2021 RECOMMENDED that request for truck timed parking on the southbound lane of John Street, Coonabarabran opposite the Shell Service Station be rejected due to the following:

1. It is a high safety risk for the vehicles exiting Edwards Street if a vehicle is parked at this location.
2. There is ample parking north of King Street and also south of Edwards Street (opposite the Visitors Information Centre).

Kopke/Drooger

TfNSW advised the Committee that the 'Parking' and 'No Stopping' signs at the above location were required to be inspected by Council and that the '45° Angle Parking' was not closed off (sign possibly missing).

k) Reinstallation of Sign at Intersection of Castlereagh Highway and Barney's Reef Road, Birriwa

31/2021 RECOMMENDED that reinstallation of the sign previously located at the intersection of Castlereagh Highway and Barney's Reef Road, Birriwa in relation to the murder of Senior Constable John Ward by the Chinese Bushranger Sam Poo be supported and that a photo of the old sign together with the wording be referred to TfNSW for development of a new sign.

Kopke/Drooger

l) Experteeth – Request for Improved Parking at 53 Cassilis Street, Coonabarabran

32/2021 RECOMMENDED that request by Experteeth to improve parking at 53 Cassilis Street, Coonabarabran be rejected on the basis that there is parking available at the rear of the business as well as access to the building.

Drooger/Unicomb

GENERAL BUSINESS

The following items were raised without Resolution:

- There are no zig-zag lines at the pedestrian crossing located in John Street, Coonabarabran near the Council Administration Building. As this is a State Road the matter is to be referred to TfNSW for consideration and action. Payment of the project to be approved by TfNSW with works to be completed within three months.

There being no further business the meeting closed at 11.45am.

The next meeting will be held in the Gallery Meeting Room, Coonabarabran on Thursday, 24 March 2022 commencing at 10.00am.

.....
CHAIRPERSON



Councillor Induction and Professional Development Policy

Strategic

1. Purpose

The purpose of this policy is to demonstrate Warrumbungle Shire Council's commitment to ensuring that the mayor and councillors have access to induction and ongoing professional development which will assist them to develop and maintain the skills and knowledge required to effectively perform their civic role and responsibilities under the Local Government Act 1993 ('the Act').

2. Scope

This policy applies to all councillors of Council, including the Mayor.

3. Legislation and Associated Documents

- Local Government Act 1993
- The Office of Local Government's Councillor Induction and Professional Development Guidelines 2018

4. Definitions

Term	Definition
Councillor	a person elected or appointed to civic office as a member of the governing body of Council who is not suspended, including the Mayor
General Manager	the person referred to in the Local Government Act 1993 as the general manager of a council and, in the case of the Warrumbungle Shire Council, means the person referred to as the General Manager of the Warrumbungle Shire Council and includes their delegate or authorised representative

5. Policy Statement

5.1 Statement of commitment

Council is committed to developing an induction and ongoing professional development program for the Mayor and councillors to ensure they can fulfil their statutory roles and responsibilities. As part of this program, the mayor and each councillor will have a professional development plan that identifies specific gaps in their capabilities (ie their knowledge, skills and attributes) and identify professional development activities to build these capabilities.

5.2 Induction program

Council will develop an induction program for new and returning councillors as well as a supplementary program for the Mayor to ensure they are provided all the information they need to effectively fulfil their roles in the first few months of Council's term and feel confident in their ability to do so. The induction program will cover:

- an orientation to Council facilities and the local government area
- an overview of the key issues and tasks for the new council including council's community strategic plan, delivery program, operational plan, resourcing strategy and community engagement plan
- the legislation, rules, principles and political context under which councils operate
- the roles and responsibilities of councillors and the mayor

- Council's organisational structure, workforce management strategy and the roles and responsibilities of the general manager and council staff
- what Council does and how it operates, including an overview of integrated planning and reporting, land-use planning, natural resource management, financial management and asset management by Council
- key Council policies and procedures councillors must comply with including the code of conduct
- the role of Council meetings and how to participate effectively in them
- the support available to the mayor and councillors and where they can go to get more information or assistance, and
- information on the process for taking the oath of office and electing the mayor at the first council meeting (where applicable).

In the case of the Mayor, the program will also cover:

- how to be an effective leader of the governing body and the council
- the role of the Chair and how to chair council meetings
- the mayor's role in integrated planning and reporting
- the mayor's role and responsibilities under the code of conduct
- the mayor's role and responsibilities in relation to the general manager's employment
- the mayor's role at regional and other representative bodies, and
- the mayor's civic and ceremonial role.

The mayor and councillors must have a working knowledge and understanding of these areas by the end of the induction program.

The induction program will also include team building activities to help the governing body establish itself as a cohesive and collaborative team focused on a common purpose with shared values and goals. Activities will aim to ensure mayors and councillors:

- identify how they would like to work together as a team and identify a common vision for the governing body
- build relationships with each other based on trust and mutual respect that facilitate collaboration
- contribute to a positive and ethical culture within the governing body
- work towards consensus as members of the governing body for the benefit of the community
- develop respectful negotiation skills and manage alternative views within the governing body without damaging relationships
- understand what supports or undermines the effective functioning of the governing body
- respect the diversity of skills and experiences on the governing body, and
- communicate and uphold the decisions of Council in a respectful way, even if their own position was not adopted.

Activities should also help the Mayor, as the leader of the governing body, to:

- act as a stabilising influence and show leadership, and

- promote a culture of integrity and accountability within Council and when representing Council in the community and elsewhere.

The Mayor and councillors, including those re-elected to office, must attend all induction sessions.

Council will evaluate the induction program at the end of each council term to determine whether it has achieved these outcomes, and to identify and address areas for improvement.

5.3 Ongoing professional development program

An individual ongoing professional development plan will be developed for the Mayor and each councillor to address any gaps in the capabilities (ie the knowledge, skills and attributes) needed to effectively fulfil their role.

Each professional development plan will span the Council's term, and identify professional development activities that the mayor or councillor will participate in.

Professional development activities will be prioritised according to need and approved by the general manager where council funds are required in accordance with council's councillor and expenses and facilities policy. The Mayor and councillors are expected to complete all the activities included in their professional development plan.

Professional development activities will, wherever possible, follow the 70/20/10 principle. Under the 70/20/10 principle:

- 70% of learning activities are provided via learning and developing from experience – for example, on-the-job training, selfdirected learning, developmental roles, problem solving, exposure and practice
- 20% of learning activities are provided via learning and training through others – for example, personal or professional networks, coaching, mentoring, feedback, memberships and professional associations, and
- 10% of learning activities are provided via learning and developing through structured programs – for example, training courses, external or in-house workshops, seminars, webinars and other e-learning and briefing sessions conducted by the council, external training providers or industry bodies.

The timing of professional development activities for the mayor and councillors will be designed in such a way so as to not overload councillors with learning activities in the early part of council's term. The timing will reflect what knowledge and skills councillors and the mayor need at various points in council's term to undertake their roles.

The mayor and councillors will be provided with as much notice as possible for upcoming induction and professional development activities.

5.4 LGNSW Mentoring

Council is a member of Local Government NSW (LGNSW). LGNSW is an independent organisation that exists to serve the interests of New South Wales general and specific purpose councils.

As part of the membership LGNSW offers free and confidential mentoring services to both new and existing councillors. These highly experienced mentors provide guidance via phone, email, Skype or in person on a variety of issues, including governance, local government reform, conflict management, meeting procedures, relationship management, code of conduct, conflict of interest, contractual negotiations, and more. LGNSW's mentoring service provides elected members with:

- Contact with colleagues with understanding, knowledge and experience of issues in a local government context
- An independent sounding board
- Flexibility in timing and frequency of contact.

5.5 Budget

An annual budget allocation will be provided to support the induction and professional development activities undertaken by the mayor and councillors. Expenditure will be monitored and reported quarterly.

5.6 Approval of training and/ or expenses

Professional development activities that require council funds are to be approved by the general manager in accordance with Council's Policy for the Payment of Expenses and the Provision of Facilities.

5.7 Evaluation

Council will evaluate the professional development program at the end of each council term to assess whether it was effective in assisting the Mayor and councillors to develop the capabilities required to fulfil their civic roles.

5.8 Reporting

The general manager will publicly report each year in Council's annual report:

- the name of the mayor and each individual councillor that completed council's induction program (where an induction program has been delivered during the relevant year)
- the name of the mayor and each councillor who participated in any ongoing professional development program during the year
- the number of training and other activities provided to the mayor and councillors during the year as part of a professional development program, and
- the total cost of induction and professional development activities and any other training provided to the mayor and councillors during the relevant year.

6. Responsibilities

The Mayor and each councillor are responsible for making themselves available to attend any development activities identified in the professional development plan. The mayor and all councillors must make all reasonable endeavours to attend and participate in the induction sessions and professional development activities arranged for them during the term of the council.

The Executive Assistant to the General Manager is responsible for planning, scheduling and facilitating induction and professional development activities for the Mayor and councillors in consultation with the General Manager.



Councillor Induction and Professional Development Policy

Strategic

The General Manager has overall responsibility for Council's induction and professional development program.

7. Getting Help

Position:

Department:

8. Version Control

Policy Name	Version	Action	Resolution No.	Date
Councillor Induction and Professional Development Policy	1	Endorsed	329/2021	20 May 2021
Councillor Induction and Professional Development Policy	2			

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
<p>18 October 2018</p> <p>164/1819</p> <p>Doc ID 93423</p>	<p>Item 27 Visitors Information Carpark Acquisition 164/1819 RESOLVED that Council surrender part of the Lot 589 DP721790 as per section 377(1)(h) of the <i>Local Government Act 1993</i> (NSW) to ensure access is maintained to the Coonabarabran Showground as per conditions of consent from the Department of Primary Industries – Lands and an easement is placed on title to reflect the access.</p>	<p>DTS</p>	<p>25.10.18 – Surveyor to be engaged to prepare plans showing easement for access to showground.</p> <p>8.11.18 – Quotes being sought for surveyor to prepare plans.</p> <p>5.04.19 – no further action until OLG request plan for easement.</p> <p>3.05.19 – survey to be undertaken.</p> <p>31.05.19 – survey to be undertaken when acquisition is finalised.</p> <p>05.07.19 – Valuation in progress and acquisition will be finalised then survey will be undertaken</p> <p>30.08.19 – Still awaiting valuation.</p> <p>08.11.19 – Matter referred to Planning Department.</p> <p>5.12.19 – No further action until compensation is paid to the State of NSW for the acquisition of carpark. Once acquisition finalised boundary adjustment is to be made and easement for access to be included.</p> <p>10.06.20 – Refer to Item 47 – Res 122/1718.</p> <p>11.08.20 – no action on easement creation</p> <p>10.11.20 – Letter received from Minister Pavey re compulsory acquisition process and costs.</p> <p>06.08.21 – Report to August 2021 Council meeting</p> <p>07.09.21 – The process of creating a right of carriageway has been referred to Solicitors for advice and implementation.</p> <p>11.10.21 – Completed. Solicitors advise that existing access arrangements are to remain in place and that creation of an easement is not necessary in order to comply with the DPI conditions.</p> <p>21.01.22 – Solicitors instructed to prepare an easement.</p> <p>03.02.22 – No update from the Solicitors</p>

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
<p>12 December 2019</p> <p>236/1920</p> <p>Doc ID 109985</p>	<p>Item 19 Macquarie Regional Library Committee and Library Services Delivery</p> <p>236/1920 RESOLVED that Council:</p> <p>3. Requests a further report on the Library Services delivered within Warrumbungle Shire Council area, including:</p> <ul style="list-style-type: none"> i. Examining the ability to join another Regional Library Service that has far more member councils and a likely to lower shared operational costs. ii. Examining the provision of Library Services outside a Regional Library arrangement. iii. Examining alternatives for the delivery of library services to the smaller towns 	<p>DCCS</p>	<p>03.02.20 – Advised Macquarie Regional Library that Council has requested options and recommendations to further consider future service point locations and opening hours.</p> <p>07.04.20 – Council report partly compiled – some delay having discussions with relevant parties due to Pandemic disruptions. Expect options report available June Council meeting.</p> <p>09.06.20 – Advised May Council Meeting discussions underway with a number of possible partners.</p> <p>06.07.20 – Contacted possible partners requested additional information which is currently being gathered.</p> <p>04.08.20 – Mid Western Council is not interested at this time and additional information has been supplied to the two possible partners approached for their further consideration.</p> <p>24.09.20 – Inspection of WSC Library sites to occur Friday, 25 Sept 2020 by representatives of Namoi Regional Library</p> <p>05.11.20 – Council advised informally that Namoi Regional Library discussing in committee this matter, week commencing 13.11.20</p> <p>09.02.21 – Approach made to North Western Library Co-Operative for Council to consider WSC to join and under what terms, conditions and costs.</p>

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
16 April 2020 371/1920 Doc ID 113924	<p>Item 13 Review of Warrumbungle Waste 371/1920 RESOLVED that Council:</p> <p>2. Endorses the modification of the Dunedoo Transfer Station opening times to three (3) days per week; being eighteen (18) hours in total instead of 17.5 hours as follows; Sunday: 8.00 – 4.30 closed ½hr for lunch (8hrs) Tuesday: 9.00 – 11.00 (2hrs) Thursday: 8.00 – 4.30 closed ½hr for lunch (8hrs) with the proposed changes being notified to the community via a public consultation phase for 28 days, and a further report be provided to Council on submissions received after the consultation phase has ended.</p> <p>5. Costs and investigates the provision of a green waste pick up service via 240lt wheelie bins within the townships across the LGA.</p>	DEDS	<p>04.02.21 – to be commence when Manager Planning and Regulation recruited. 01.10.21 – Public notice drafted, exhibition stage to commence 29.10.21 – placed on public exhibition; closes 15 November 2021 24.11.21 – submissions received and report being prepared for the next Council meeting. 02.12.21 – report being prepared for the next Council meeting. 03.02.22 – report to be presented at the Council February meeting. 24.02.22 - Completed</p> <p>04.02.21 – to be commence when Manager Planning and Regulation recruited. 04.03.22 – no further progress at this stage</p>
21 May 2020 431/1920 Doc ID 115998	<p>Item 33.3 Three Rivers Regional Retirement Community Information Report 431/1920 RESOLVED that Council:</p> <p>3. Seek additional funding to construct a smaller number of units at the rear of the site, being units 4, 5, 6, 7 and 8.</p>	DEDS	<p>05.06.20 – Discussions with local MPs underway regarding potential funding opportunities. 06.04.21 – Resolution soon to be greater than 12 months old, will need a fresh report to Council. 09.09.21 – awaiting legal proceedings to be finalised 04.03.22 – awaiting legal proceedings to be finalised</p>
16 July 2020 29/2021 Doc ID 118847	<p>Item 23.2 Three Rivers Regional Retirement Community Information Report 29/2021 RESOLVED that:</p> <p>2. Does not tender the Civil and Services Infrastructure works component for the Three Rivers Regional Retirement Community Project due to extenuating circumstances as per section 55(3)(i) of the Local Government Act 1993 due to the time limitations of the funding agreement timeframes.</p>	DEDS	<p>04.09.20 – not commenced due to uncertainty regarding availability of state funds. 18.01.21 – no further action, discussions with funding bodies continuing 22.03.21 – cannot progress as no update on funding available at this stage 24.08.21 – no further updates on funding available at this stage 09.09.21 – awaiting legal proceedings to be finalised. 04.03.22 - awaiting legal proceedings to be finalised</p>

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
<p>20 August 2020</p> <p>44/2021</p> <p>Doc ID 119884</p>	<p>Item 23 Baradine Camp Cypress and Showground Sewer Connection Update Report</p> <p>44/2021 RESOLVED that Council:</p> <p>2. Receives an update report once the Baradine Sewage Scheme Scoping Study is complete. The options assessment on extending sewer to Camp Cypress/Baradine Showground within the Scoping Study will contain updated cost estimates to enable a decision on affordability of realising the sewer connection with the available Council funds of \$200,000.</p>	<p>DEDS</p>	<p>03.09.20 – consultant engaged under the scoping study, inception meeting scheduled for 17/9</p> <p>01.10.20 – held inception meeting, scheduling site meeting.</p> <p>05.11.20 – site meeting and first project workshop held for Baradine Sewage Scoping study.</p> <p>27.11.20 – workshop briefing paper received; project progressing.</p> <p>05.01.21 – 2nd draft received on 23 December, currently under review.</p> <p>24.02.21 – received comments from DPIE on draft report, which require discussion with consultant; peer review of draft report outstanding; BBRF round 5 application under preparation for the Camp Cypress Sewer connection</p> <p>08.03.21 – funding application lodged through BBRF.</p> <p>09.09.21 – no outcome from BBRF application</p> <p>08.10.21 – application for funding unsuccessful</p> <p>29.10.21 – funding needs to be sought before it can progress.</p> <p>24.11.21 – under discussion with Crown Lands in relation to possible funding.</p> <p>03.12.21 – Crown Lands funding relates to work inside the reserve. Works external to the site remain unfunded.</p> <p>10.01.22 – Sourcing information for Round 6 BBRF</p> <p>03.02.22 – Seeking letter of support from Inland Rail for BBRF application. Scoping Study to be presented to Council.</p> <p>04.03.22 – Scoping study to be presented to Council</p>

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
<p>20 August 2020</p> <p>44/2021 (cont)</p> <p>Doc ID 119884</p>	<p>Item 23 Baradine Camp Cypress and Showground Sewer Connection Update Report 44/2021 RESOLVED that Council:</p> <p>3. Explore possible partnership arrangements with Inland Rail for the development of a Workers Camp in Baradine and improve the sewerage system to Camp Cypress.</p>	<p>DEDS</p>	<p>03.09.20 – MEDT liaising with Inland Rail. Proposed camp location will be included in EIS. 01.10.20 – Waiting for response from Inland Rail ARTC regarding working camp location, N2N EIS yet to be on public exhibition 05.11.20 – Proposed camp location included in EIS; if requires alteration will need to make a submission to EIS. 18.01.21 – included in EIS 08.03.21 – workers camp included in EIS submission. Funding application lodged through BBRF for connection of sewer to Camp Cypress. 09.09.21 – no outcome from BBRF application 08.10.21 – application for funding unsuccessful 29.10.21 – funding for sewer connection required 24.11.21 – under discussion with Crown Lands in relation to possible funding 02.12.21 – Investigating funding and working with Regional NSW 10.01.22 – Sourcing information for Round 6 BBRF 03.02.22 – Seeking letter of support from Inland Rail for BBRF application 04.03.22 – Letter of support received, Camp was included in EIS - Completed</p>
<p>19 November 2020</p> <p>161/2021</p> <p>Doc ID 123996</p>	<p>Item 16 Acquisition of Crown Road Adjoining Former Warrumbungle Quarry 161/2021 RESOLVED that in relation to acquisition of Crown Road that adjoins the Boral Quarry and Council's Property 'Red Hill':</p> <p>1. Council make an application to the Minister and the Governor for approval to compulsorily acquire land described as Lot 1, DP 1259353 by compulsory process under sections 186(1) and of the Local Government Act 1993 for the purpose of expansion of and prolonging the commercial viability of the Coonabarabran Quarry in accordance with the requirements of the Land Acquisition (Just Terms Compensation) Act 1991.</p>	<p>DTS</p>	<p>01.12.20 – Solicitors undertaking acquisition process on behalf of Council. 09.02.21 – The process of compiling documentation for submission to OLG and Crown Lands is currently occurring. 09.03.21 – Obtaining a Valuation Report has been initiated. 06.04.21 – Awaiting valuation report and Minister's consent and also awaiting completion of Native Title searches. 07.06.21 – Application to OLG currently being prepared. 09.08.21 – Documentation completed for Ministerial approval via OLG. 11.10.21 – Documentation completed and lodged with OLG. 08.11.21 – No further information from OLG. 21.01.22 – Formal acquisition notice issued on 21 December 2021. OLG will submit Acquisition Notice of Governor's Approval after requisite period of 90 days expiring on 21 March 2022. Valuer General Valuation requested. Crown Lands has consented to the compulsory acquisition. 03.02.22 – no further update likely until the expiry of the notice period on 21 March 2022 28.02.22 - no further update likely until the expiry of the notice period on 21 March 2022</p>

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
19 November 2020 161/2021 Doc ID 123996	<p>Item 16 Acquisition of Crown Road Adjoining Former Warrumbungle Quarry 161/2021 RESOLVED that in relation to acquisition of Crown Road that adjoins the Boral Quarry and Council's Property 'Red Hill':</p> <ol style="list-style-type: none"> 2. That the land is to be classified as operational land under the Local Government Act. 3. Authority be granted to the General Manager to sign all necessary documentation associated with the compulsory acquisition and to pay any compensation as determined in accordance with the provisions of the Land Acquisition (Just Terms Compensation) Act 1991. 4. Authority be granted to affix the Common Seal of the Council to any documentation required to effect the compulsory acquisition. 5. That Council staff provide a report on future directions in relation to the Quarry and proposed future operations at Red Hill. 	DTS	
19 November 2020 168/2021 Doc ID 124000	<p>Item 23 Review of Warrumbungle Waste – Commercial Recycling Service 168/2021 RESOLVED that:</p> <ol style="list-style-type: none"> 5. In December 2021 Council conduct a survey of commercial users to determine the success of the scheme. 	DEDS	18.12.20 – to commence in December 2021 05.05.21 – draft letter prepared and to be sent out to businesses. 25.05.21 – letters sent to businesses 09.09.21 – Survey to be undertaken in December 2021 01.10.21 – To commence when due 29.10.21 – Survey being drafted in readiness. 24.11.21 – Draft survey prepared and presented to ELT for consideration. 03.12.21 – survey to be sent to businesses during December. 10.01.22 – public exhibition for survey submissions close 14 January 2022. 03.02.22 – report to be presented at the Council February meeting 28.02.22 - Completed

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
<p>10 December 2020</p> <p>186/2021</p> <p>Doc ID 125099</p>	<p>Item 19 Use of Restart NSW Project Savings from New Bore Installations South</p> <p>186/2021 RESOLVED that Council:</p> <p>2. Upon Infrastructure New South Wales approval of the extended timeframes for the Coolah and Mendooran projects and revised cost for the Mendooran project, accepts the offered funding, which is then expected to total \$475,756 ex GST.</p>	<p>DEDS</p>	<p>05.02.21 – awaiting approval from INSW on budget/timeframe changes.</p> <p>06.04.21 – still awaiting approval from INSW on budget/time frame changes</p> <p>28.04.21 – requested advice on approval again in April 2021 with no response; WW Project Engineer started 26.04. and will drive these projects</p> <p>25.05.21 – re-submitted updated project change requests incl. project plans to the new INSW online portal as requested by INSW</p> <p>09.06.21 – WW Project Engineer now progressing these projects</p> <p>24.06.21 – Revised project change requests being finalised</p> <p>28.06.21 – Restart INSW Project Change Requests approved, Project Plan schedule currently underway. Once resources and materials have been ordered, the work is to be completed with In-house personnel</p> <p>01.07.21 – Ordering of materials underway (8 – 12 Week lead-time), site visit for action plan and in-house resourcing to occur in late July for project finalisation.</p> <p>03.08.21 – Coolah: project progressing with projects savings contributing towards new chlorine room (RFQs assessed); Binnaway: engaged consultants to assess WQ issue and recommend treatment options; Mendooran blend tank installation being planned with aid of specialist consultant required to ensure compliance with concept design</p> <p>31.08.21 – no further updates to 03.08.21; all three projects progressing</p> <p>21.09.21 – projects progressing: Coolah – contractor engaged for the installation of the new chlorine room, delivery expected mid January 2022; Binnaway – awaiting further WQ test results from the bores for analysis; Mendooran – finalising request for quotes for consultancy services to install blend tank</p> <p>02.12.21 – no further updates to 21.09.21 for Coolah and Binnaway; Mendooran RFQ will go out this month via LGP</p> <p>31.01.22 – Coolah project progressing, proposed collaboration between contractor Interflow & Trility together with in-house resources to progress this project.</p> <p>07.02.22 – Coolah Chlorine Room projected completion date 11.02.22.</p> <p>28.02.22 – Coolah Chlorine Room Plant commissioned in February 2022 and fully operational.</p> <p>04.03.22 – Complete, acquittal to be done.</p>

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
18 March 2021 257/2021 Doc ID 129366	<p>Item 2 Mayoral Minute – Health and Hospital Services in the Warrumbungle Shire 257/2021 RESOLVED that Council:</p> <p>3. Make representations to the NSW Minister for Health seeking a greater level of energy and resources being placed into rural health services and the Warrumbungle Shire, this is to include greater incentives for Visiting Medical Officers (VMOs);</p> <p>5. Consider the development of a program to help our communities be more attractive to doctors and health workers.</p>	GM	13.05.21 – To be actioned
15 April 2021 304/2021 Doc ID 131100	<p>Item 18 Coonabarabran Water Security: Timor Dam Raising, Dam Safety Upgrade Requirements and Increased Groundwater Allocation 304/2021 RESOLVED that Council:</p> <p>3. Applies for an increased licence allocation for Coonabarabran’s groundwater bores from 50 ML/a to 400 ML/a.</p>	DEDS	22.04.21 – all recommendations accepted for increase in water allocation and formalisation of contract being progressed. 05.05.21 – all recommendations accepted for increase in water allocation and formalisation of contract being progressed. 01.07.21 – Currently being developed and acted upon 03.08.21 – application for increased licence allocation to 510ML (based on IWCM draft and further details from hydrogeological report) prepared by consultant and being reviewed prior to submission 31.08.21 – application being submitted. 09.09.21 – application submitted 21.09.21 – application submitted on 1/09 and application fee paid; processing of the application is expected to take a few weeks 05.10.21 – awaiting outcome of Specific Purpose Access Licence (SPAL) application for increased allocation from 1/09 29.10.21 – awaiting outcome from application 02.12.21 – the application appears to be processed by NRAR as further information was requested, which was provided (Hydrogeologist Report, IWCM Issues Paper, IWMC Strategy Draft) 28.02.22 – application result not yet received from NRAR 04.03.22 – contact with NRAR on 4 March 2022, advice received that licence changes can take up to 2 years for processing.

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
15 April 2021 313/2021 Doc ID 131105	Item 21.4 Supplementary Report 313/2021 RESOLVED that Council request a meeting with the Minister of Local Government to discuss concerns regarding general rate exemptions that now apply to the Local Aboriginal Lands Council.	DCCS	14.01.22 – Letter sent to the Minister via local member
15 April 2021 316/2021 Doc ID 131108	Item 12 Draft Operational Plan and Budget 2021/22 and Delivery Program 2021/22 – 2024/25 316/2021 RESOLVED that Council: <ol style="list-style-type: none"> 4. Review its Long Term Financial Plan and Financial Sustainability Policy with a view to having a positive Operating Result before grants and contributions. 	DCCS	To be actioned 22.06.21 –Long Term Financial Plan and Financial Sustainability Policy will be reviewed as part of the Integrated Planning and Reporting timeline for 2021/22. The Long Term Financial Plan is scheduled for review by February 2022; the Financial Sustainability Policy must be reviewed by September 2022.
17 June 2021 373/2021 Doc ID 134710	Item 17 Review of the 2020/21 Pool Operations 373/2021 RESOLVED that: <ol style="list-style-type: none"> 4. Council investigate the cost of employing full time pool attendants. 5. Council investigate options for a short term visitor pass. 	DTS	07.09.21 – No action to report 08.11.21 – No action to report 21.01.22 – Some initial investigations carried out. 03.02.22 – No further action to report. Further action expected post completion of current season. 05.07.21 – The administration process for short term visitor pass, including the issuing of electronic key access cards is being investigated. 28.02.22 - No further action to report. Further action expected post completion of current season.

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
<p>17 June 2021</p> <p>378/2021</p> <p>Doc ID 134714</p>	<p>Item 19 Bore Condition Assessment</p> <p>378/2021 RESOLVED that Council:</p> <p>4. Uses the remaining funds from the Bore Condition Assessment project for the construction of a secondary bore at the Coolah Town Well site.</p>	<p>DEDS</p>	<p>24.06.21 – Not started. Working with the OWUA to get responses from the remaining participating councils to provide their input to the SSWP project change request</p> <p>01.07.21 – no response as yet</p> <p>03.08.21 – OWUA Chair indicated that DPIE was not in favour of the change request, however DPIE indicated that the matter would need to be taken up with INSW as funding deed owner</p> <p>31.08.21 – OWUA following up with DPIE/INSW re our project change request as MWRC administers this project</p> <p>21.09.21 – still awaiting advice from DPIE/INSW through OWUA on determination of change request.</p> <p>05.10.21 – still awaiting advice on determination of change request</p> <p>04.11.21 – awaiting formal advice on determination of change request</p> <p>02.12.21 – project change request has been approved, awaiting amended deed.</p> <p>31.01.22 – fund change request approved.</p> <p>03.02.22 – decommissioning works completed 28 January 2022. Project scope for secondary bore to be commenced</p> <p>03.02.22 – decommissioning works completed 28 January 2022. Project scope for secondary bore to be commenced</p> <p>28.02.22 – secondary bore to be assessed for delivery requirements and water quality within the current site at Coolah via test bores. Once determined and proven, new bore will be installed and commissioned by requisite contractor. Existing funding and ORANA funding to be utilised to complete works. Date to be advised</p>

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
<p>17 June 2021</p> <p>379/2021</p> <p>Doc ID 134715</p>	<p>Item 20 Baradine Water Treatment Plant Upgrade 379/2021 RESOLVED that Council:</p> <p>3. Undertakes a Baradine Water Treatment Plant Scoping Study as soon as possible, identifying options for the mitigation of known water quality risks at that site, including a wholistic plant replacement.</p>	<p>DEDS</p>	<p>24.06.21 – A new WTP is the preferred option to spending funds on replacing the clarifier and filter. DPIE, agrees with this recommendation.</p> <p>01.07.21 – Request for quotation underway.</p> <p>03.08.21 – consultant engaged for scoping study, internal inception meeting had; inception meeting with DPIE/Health scheduled for 10/8 to present design basis for options study</p> <p>31.08.21 – Inception meeting with external stakeholders held, site survey completed</p> <p>09.09.21 – scoping study underway</p> <p>21.09.21 – additional WQ and jar testing will be performed on site as part of the scoping study in the last September week, which will help determine/confirm future nature of treatment</p> <p>06.10.21 – WQ and jar testing was not performed by the consultant on site as planned as part of the Options Study, as DPIE now is questioning again the scope of the Options Study following the minuted inception meeting where DPIE was present – DPIE now requests that the scope be changed to include in the options a plant replacement with a sedimentation lagoon system, which will also impact the planned jar testing.</p> <p>04.11.21 – a variation was approved to include the DPIE requested additional option and jar testing; jar testing was performed on site; MCA (Multi Criteria Workshop) is schedule for late November/early December</p> <p>02.12.21 – MCA workshop was held on 02.12.21, at this stage the preferred option is a new conventional WTP.</p> <p>31.01.22 – DPIE Scoping study finalisation for milestone payments being progressed.</p> <p>08.02.22 – awaiting sign-off by DPIE</p> <p>28.02.22 – Design has been decided upon project will progress to concept and detailed design.</p>

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
17 June 2021 381/2021 Doc ID 134716	Item 22 Notice of Motion – Flood Zones 381/2021 RESOLVED that Council investigate funding for updated flood plans for Binnaway and Mendooran.	DEDS	29.10.21 – letter being drafted for State Government 24.11.21 – letter sent to State Government seeking information on possible funding. 03.12.21 – available funding to be announced in 2022, with applications sought from interested councils. 10.01.22 – funding opportunities and eligible projects being explored with DPIE 03.02.22 –correspondence on funding received, report on options to be presented to Council. 04.03.22 – report being prepared for Council
17 June 2021 387/2021 Doc ID 134718	Item 24.3 Coolah Sewerage Treatment Plan Upgrade – Land Matters 387/2021 RESOLVED that Council: 2. Undertakes initial discussions with appropriate landowners in the Coolah area on the potential purchase of a suitable parcel of land, via private agreement, for the development of a new STP and associated effluent re-use scheme for Coolah.	DEDS	24.06.21 – As per item 1, engagement has taken place with stakeholders, and a report has been submitted. 01.07.21 – External project manager to follow up with landholder in Mid July with landholders 03.08.21 – discussion with landholder had, being followed up with a letter recommending a further options study on the land to identify potentially optimal locations for both STP and re-use scheme 31.08.21 – landholder called following letter for further discuss with Council's external PM 21.09.21 – additional land holder contacted; strategic site assessments being undertaken 06.10.21 – strategic site assessment completed to identify exclusion zones on private land, site meeting held with landholder, preparing letter to landholder to suggest detailed options study 04.11.21 – after two unsuccessful attempts, a third landholder has been contacted and site visit undertaken with outcome pending 02.12.21 – due to being unable to source an alternative site at this stage a further high-level options study is being undertaken now, also considering a (flood proof) package plant at the current site 31.01.22 – New Membrane Bioreactor (MBR) being investigated for installation at the existing site. 03.02.22 – DPIE are reviewing the potential to install a packaged system with reuse to the Golf course and river, due to high quality effluent that will be delivered from this type of plant system, with meeting to be scheduled by DPIE. 28.02.22 – Project Manager has informed of no further progress on this project in terms of land purchase. Other options such as Package Plant to be investigated.

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
<p>17 June 2021</p> <p>387/2021</p> <p>(cont)</p> <p>Doc ID 134718</p>	<p>Item 24.3 Coolah Sewerage Treatment Plan Upgrade – Land Matters</p> <p>387/2021 RESOLVED that Council:</p> <p>3. Receives a further report on the outcomes of these discussions as a matter of priority.</p>	<p>DEDS</p>	<p>24.06.21 – No further update will be available until External PM (CD) has engaged landholders in Mid-July</p> <p>03.08.21 – discussion with landholder had, being followed up with a letter recommending a further options study on the land to identify potentially optimal locations for both STP and re-use scheme</p> <p>03.08.21 – discussion with landholder had, being followed up with a letter recommending a further options study on the land to identify potentially optimal locations for both STP and re-use scheme</p> <p>31.08.21 – landholder called following letter for further discuss with Council's external PM</p> <p>09.09.21 – additional discussions underway with landholders.</p> <p>21.09.21 – strategic site assessments being undertaken</p> <p>06.10.21 – strategic site assessment completed to identify exclusion zones on private land, site meeting held with landholder, preparing letter to landholder to suggest detailed options study</p> <p>04.11.21 – after two unsuccessful attempts, a third landholder has been contacted and site visit undertaken with outcome pending</p> <p>02.12.21 – due to being unable to source an alternative site at this stage a further high-level options study is being undertaken now, also considering a (flood proof) package plant at the current site</p> <p>31.01.22 – New Membrane Bioreactor (MBR) being investigated for installation at the existing site.</p> <p>03.02.22 – DPIE are reviewing the potential to install a packaged system with reuse to the Golf course and river, due to high quality effluent that will be delivered from this type of plant system, with meeting to be scheduled by DPIE.</p> <p>28.02.22 – No further update on this project.</p> <p>04.03.22 – options on alternative arrangements to be reviewed, no further progress at this stage.</p>

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
<p>15 July 2021</p> <p>07/2122</p> <p>Doc ID 136289</p>	<p>Item 5 Minutes of Traffic Advisory Committee Meeting – 24 June 2021</p> <p>7/2022 RESOLVED that:</p> <p>3. Feedback is sought through an advertising process on a proposal by TfNSW to investigate implementation of 40kph speed zones in both the Coonabarabran CBD and the Dunedoo CBD.</p>	<p>DTS</p>	<p>09.08.21 – Notice prepared for publication.</p> <p>07.09.21 – Information sought from TfNSW to assist with preparation of a Media Release.</p> <p>11.10.21 – Preparation of notice in progress.</p> <p>05.11.21 – Notice prepared for advertising to be carried out 15 November.</p> <p>03.02.22 – Report to February Council meeting</p> <p>28.02.22 – Council resolved not to proceed with altering the existing speed limits. TfNSW advised verbally on 24 February 2022 and will be followed up in writing.</p> <p>28.02.22 – Completed. Refer to Council Resolution No 197/2122 of 17 February 2022.</p>

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report																																																												
15 July 2021 17/2122 Doc ID 136294	<p>Item 15 Local Roads & Community Infrastructure Program – Phase 3 17/2022 RESOLVED that Council:</p> <ol style="list-style-type: none"> Subject to the success of other funding applications, apply for the following projects in order of priority, under Phase 3 of the Australian Government’s Local Roads and Community Infrastructure Program: <table border="1"> <tbody> <tr><td>1</td><td>Coonabarabran Oval Change Rooms and Storage Shed</td><td>\$545,000</td></tr> <tr><td>2</td><td>Bowen Oval, Coolah – renovation of netball courts</td><td>\$288,000</td></tr> <tr><td>3</td><td>Binnaway Tennis Courts – renovation & upgrade</td><td>\$260,000</td></tr> <tr><td>4</td><td>Local Rural Roads – concrete causeway replacement</td><td>\$556,732</td></tr> <tr><td>5</td><td>Dunedoo Pool – new amenities block</td><td>\$900,000</td></tr> <tr><td>6</td><td>Piambra Road – curve</td><td>\$200,000</td></tr> <tr><td>7</td><td>Piambra Road – near Gamble Creek Road intersection</td><td>\$250,000</td></tr> <tr><td>8</td><td>Castlereagh River, Coonabarabran Riverbank Revitalisation</td><td>\$75,000</td></tr> <tr><td>9</td><td>Mendooran Tennis Court resurfacing</td><td>\$130,000</td></tr> <tr><td>10</td><td>Lachlan Street, Baradine – shared pathway</td><td>\$200,000</td></tr> <tr><td>11</td><td>Yarrow St (Warragundy St to Wallaroo St, Dunedoo) – K&G</td><td>\$80,000</td></tr> <tr><td>12</td><td>Gravel Resheeting</td><td>\$100,000</td></tr> <tr><td>13</td><td>Bowen Oval, Coolah – equipment Shed</td><td>\$170,000</td></tr> <tr><td>14</td><td>Len Guy Park Toilets, Binnaway – renovations</td><td>\$60,000</td></tr> <tr><td>15</td><td>Gravel Resheeting</td><td>\$100,000</td></tr> <tr><td>16</td><td>Coolah Pool – renovate amenities block</td><td>\$60,000</td></tr> <tr><td>17</td><td>Cnr Binnia Street & Martin Street, Coolah – kerb renewal & Blister</td><td>\$80,000</td></tr> <tr><td>18</td><td>Cnr Binnia Street & Booyamurra Street, Coolah – new K&G</td><td>\$80,000</td></tr> <tr><td>19</td><td>Napier Street Mendooran – shared pathway</td><td>\$100,000</td></tr> <tr><td>20</td><td>Gravel Resheeting</td><td>\$100,000</td></tr> </tbody> </table> Authorise the General Manager to make adjustments, should the need arise, to priorities and/or budgets based on available funding and success of other funding applications. 	1	Coonabarabran Oval Change Rooms and Storage Shed	\$545,000	2	Bowen Oval, Coolah – renovation of netball courts	\$288,000	3	Binnaway Tennis Courts – renovation & upgrade	\$260,000	4	Local Rural Roads – concrete causeway replacement	\$556,732	5	Dunedoo Pool – new amenities block	\$900,000	6	Piambra Road – curve	\$200,000	7	Piambra Road – near Gamble Creek Road intersection	\$250,000	8	Castlereagh River, Coonabarabran Riverbank Revitalisation	\$75,000	9	Mendooran Tennis Court resurfacing	\$130,000	10	Lachlan Street, Baradine – shared pathway	\$200,000	11	Yarrow St (Warragundy St to Wallaroo St, Dunedoo) – K&G	\$80,000	12	Gravel Resheeting	\$100,000	13	Bowen Oval, Coolah – equipment Shed	\$170,000	14	Len Guy Park Toilets, Binnaway – renovations	\$60,000	15	Gravel Resheeting	\$100,000	16	Coolah Pool – renovate amenities block	\$60,000	17	Cnr Binnia Street & Martin Street, Coolah – kerb renewal & Blister	\$80,000	18	Cnr Binnia Street & Booyamurra Street, Coolah – new K&G	\$80,000	19	Napier Street Mendooran – shared pathway	\$100,000	20	Gravel Resheeting	\$100,000	DTS	09.08.21 – Awaiting outcome of grant applications – SCCF4 and Club Grants. 08.11.21 – No further advice 21.01.22 – Renovation of netball courts at Coolah granted funding under SCCF4 to community group. Revised project list to be generated and submitted. 03.02.22 – Revised list generated and to be approved and submitted. 28.02.22 – Revised list submitted. Awaiting confirmation of funding.
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Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
<p>15 July 2021 21/2122</p> <p>Doc ID 136298</p>	<p>Item 19 Coonabarabran Industrial Land 21/2022 RESOLVED that Council:</p> <p>3. Investigates the inclusion of NBN in the subdivision development.</p>	<p>DEDS</p>	<p>26.07.21 – collating information on NBN possibility is in progress 03.08.21 – reviewing cost of NBN connectivity in progress 24.08.21 – Investigating options and costings with NBN Co in conjunction with other external funding received from NSW Resilience 09.09.21 – Report to September 2021 Council meeting 20.09.21 – No response from NSW Resilience regarding EOC grant extension 06.10.21 – Application for Regional Co Investment Fund submitted through NBN area manager 02.12.21 – NBN Co has organised to meet Manager Economic Development and Tourism in February 2022 to discuss connectivity options for businesses. An update report will be prepared for Council. 03.02.22 – No action to report until NBN consultations 28.02.22 – NBN met with MEDT and businesses to discuss improving connectivity. RFS building is now connected to NBN. Council requested identification number for VRA side of building from retail provider, which is first step for NBN connectivity</p>

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
15 July 2021 21/2122 (cont) Doc ID 136298	Item 19 Coonabarabran Industrial Land 21/2022 RESOLVED that Council: 4. Makes an application under the next round Building Better Regions funding to allow the project to proceed.	DEDS	26.07.21 – draft application being progressed – next round in November 24.08.21 – draft application being progressed – next round in November 04.11.21 – draft application being progressed. 02.12.21 – waiting for release of round six (6) funding. 10.01.22 – Collating information for BBRF application 03.02.22 – Sourced required information for BBRF application and will be submitted by deadline of 10.02.22. 24.02.22 –addressed through the BBRF application – Complete
15 July 2021 22/2122 Doc ID 139299	Item 20 Inland Rail Update Report – July 2021 22/2022 RESOLVED that Council: 2. Writes to Inland Rail to request that it prepares the roads before works commence on the Inland Rail project.	DEDS	03.08.21 – draft to be presented at Council August meeting 24.08.21 – Consultants notified of Council's recommendation and planning information for Gate 3 20.09.21 – No further advise 06.10.21 – Update report to October Council meeting 03.11.21 – Baradine Silo project has proceeded to Gate 4 02.12.21 – Council is meeting Inland Rail and the N2N site project directors in early 2022, which will be an opportunity to discuss legacy projects such as road infrastructure. 10.01.22 – No action to report 03.02.22 – Contractor keen to work with Council, Development Agreement under draft and will be presented to Council at a future meeting. 28.02.22 – regular meetings with contractor scheduled. 04.03.22 – road upgrades consideration to be addressed through the MIRDA process. Complete

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
<p>15 July 2021 23/2122</p> <p>Doc ID 139300</p>	<p>Item 21 Warrumbungle Wings N Things 23/2022 RESOLVED that Council:</p> <p>3. Provide support to the Coonabarabran Aero Club for future Warrumbungle Wings and Things event, if funded, as follows:</p> <ul style="list-style-type: none"> • Assist to increase stallholders and work with local businesses across the LGA to become involved in the event. • Undertake grounds maintenance in preparation for the event. • Implement traffic management (preparation of TCP) for the event. • Investigating funding to grow the event – (who applies for grant will depend on the criteria and funding body). • Undertake event marketing and promotions through Council networks. • Provide a visitor information stall on the day to promote tourism attractions within the region to increase overnight stays. • Investigate more family activities and encourage operators to coincide with the event. 	<p>DEDS</p>	<p>26.07.21 – emailed stakeholders and event activities for 2022 03.08.21 – Wings N Things listed as regional events in brochure, currently investigating other activities for the day. Draft submission being progressed for potential funding option under Regional NSW Strengthening Rural Committees Grant opening on 24 August. 24.08.21 – Investigating Wings n Things eligibility for Foundations for Rural Regional Renewal funding 20.09.21 – received letters of support for application 06.10.21 – Drafted event schedule and funding model for application 03.11.21 – Investigating collaborative ways to improve regional branding for local agri food businesses for the event and funding application, as per funding guideline 02.12.21 – Applied for Incubator Event Grant through Destination NSW. Drafted event schedule and committed stall holders 31.01.22 – Local businesses for stall holders for markets commenced 03.02.22 – Marketing and promotions for event has commenced through various channels 28.02.22 – providing support and guidance to the Aeroclub on how to become a sustainable event e.g. auctions & raffles.</p>

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
15 July 2021 26/2122 Doc ID 139295	Item 24 Notice of Motion – Cleaning out water causeways below road crossings 26/2022 RESOLVED that Council develop a strategy for the cleaning of causeways and their surrounds to allow the free flow of water at the road crossings.	DTS	09.08.21 – Causeways impacted by downstream conditions have been identified. Discussions with Fisheries and invitation issued to inspect Neible Siding Road. 11.10.21 – Fisheries officers not able to visit site due to COVID restrictions. 01.11.21 – Fisheries Officer visiting Neible Siding Road on 4 November 2021. 04.11.21 – Fisheries Officer attended site. Strategy development still under consideration. 21.01.22 – Causeway strategy still to be developed. 28.02.22 – Awaiting response from Crown Lands
19 August 2021 45/2122 Doc ID 138442	Item 12 Dunedoo Preschool – Request for Long Term Lease 45/2122 RESOLVED that: <ol style="list-style-type: none"> 1. Council enter into a lease agreement for a period of 15 years with Dunedoo Preschool Kindergarten Incorporated. 2. The Dunedoo Preschool Kindergarten Incorporated be responsible for all outgoings of the leased property and preparation of the lease. 3. The General Manager be authorised to negotiate any other terms and conditions of the lease agreement. 	DTS	07.09.21 – Preschool informed of Council resolution. Clarke and Cunningham requested to prepare draft agreement. 08.11.21 – Draft agreement received from Council’s solicitor and currently being reviewed 21.01.22 – Lease agreement with preschool to be signed. Awaiting their response. 03.02.22 – Preschool advised that lease has been signed. Awaiting receipt 28.02.22 – Lease has been signed by both parties and returned to solicitor to be registered.

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
19 August 2021 46/2122 Doc ID 138443	Item 13 Updates to Roads Asset Management Plan 46/2122 RESOLVED that the following actions are taken in relation to the Roads Asset Management Plan: <ol style="list-style-type: none"> 1. Review and update condition rating scales and include in a revised version of AMP Roads. 2. Update the Roads AMP based on updated unit rate information provided in Table 5.3 in the attachment. 3. Consult with the community on acceptable levels of road condition and on expected levels of road maintenance. 4. Publicise a map identifying the location of projects in the four (4) year works program for roadworks associated with pavement renewal and pavement upgrades. 	DTS	07.09.21 – No action to report. 04.11.21 – Unit rates have been collated for comparison. 22.01.22 – Consultation on levels of service to be carried out as part of the community strategic plan process. 22.01.22 – Maps will be generated following the adoption of the Delivery Program 28.02.22 – No further action to report.
19 August 2021 48/2122 Doc ID 138445	Item 15 Binnaway and Mendooran Sewerage Scheme Risk Prioritisation and Funding 48/2122 RESOLVED that Council: <ol style="list-style-type: none"> 2. Challenges the determination of the Department of Planning, Industry and Environment on Council's risk score review submission for the Mendooran and Binnaway Sewerage Schemes. 3. Receives a further update report on the matter once a new outcome of the risk score review for Mendooran and Binnaway Sewerage Schemes has been determined. 4. Defers the progression of the Binnaway Sewerage Scheme Concept Design until a new outcome of the risk score review for Mendooran and Binnaway Sewerage Schemes has been determined. 	DEDS	02.12.21 – letter to DPIE drafted 08.02.22 – no further update 28.02.22 – letter has been drafted requesting DPE for review of the risk rating to secure funding for these projects. 02.12.21 – letter to DPIE drafted 28.02.22 – letter has been drafted requesting DPE for review of the risk rating to secure funding for these projects. Report will be prepared when response received. 02.12.21 – letter to DPIE drafted 28.02.22 – letter drafted and sent awaiting response.

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
19 August 2021 52/2122 Doc ID 138447	Item 18 Rescission of Motion 388/2021 52/2122 RESOLVED that Council prepare a strategy for the development of Lot 1 and 2 DP847880 and Lot 337 DP753378 Reservoir Street Coonabarabran including a review of allotment sizes, subdivision design and costings. This should be prepared following consultation with local real estate agents.	DTS	22.01.22 – Initial consultation carried out with local real estate agents. 03.02.22 – Strategy discussion held at ELT. 28.02.22 – Further discussions to be held at ELT.
16 September 2021 76/2122 Doc ID 139897	Item 16 Coonabarabran Aerodrome – Unsealed Runway 76/2122 RESOLVED that: 1. The proposed treatment method for upgrading the unsealed runway, including removal of grass and replacement with gravel road base, at Coonabarabran aerodrome is referred to the next meeting of the Aerodrome Committee. 2. The upgrading of the unsealed runway at Coonabarabran aerodrome is included in submissions for consideration when determining the 2022/23 budget.	DTS	11.10.21 – Site inspection held on 28 September. Survey of runway to be undertaken as part of the Obstacle Limitation Survey process. 01.11.21 – Survey of runway scheduled for 2 November 2021. 04.11.21 – Survey works in progress. 21.01.22 – Finalisation of survey delayed by wet weather. 21.02.22 – Estimate of upgrade will be prepared following the finalisation of the survey. 03.02.22 – survey completed, estimate underway 28.02.22 – Estimate completed and included in draft 2022/23 budget
16 September 2021 77/2122 Doc ID 139899	Item 17 Aerodrome Certification 77/2122 RESOLVED that: 1. Council prepare necessary management plans and manual of standards to enable transition to new rules imposed by the Civil Aviation Safety Authority for certification of the Coonabarabran Aerodrome. 3. Council review the need for the Coolah Aerodrome.	DTS	11.10.21 – Fee proposal from Consultant has been sought. 08.11.21 – Fee proposal received from Consultant. Other options being explored. 21.01.22 – Preparation of management plans underway. 03.02.22 – Management plans in progress. 28.02.22 – No further update. 03.03.22 – Meeting to be held with consultant on 15 March 2022. 21.01.22 – Review yet to commence. 28.02.22 – No further action.

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
16 September 2021 78/2122 Doc ID 139901	Item 18 Request to Rename Girragulung Road 78/2122 RESOLVED that: <ol style="list-style-type: none"> 1. Road name changes are made so that the name Orana Road extends from Black Stump Way to Collier Road and that Girragulung Road extends from Collier Road to Moorefield Road. 2. The proposed road name changes are advertised and submissions invited. 	DTS	04.11.21 – Proposal advertised and letters to property owners sent. Submissions to close on 19 November 2021. 03.02.22 – Report to February 2022 Council meeting. 28.02.22 – Council resolved to name the road Orana Rd. Geographic Names Board to be advised. 07.03.22 – Completed. Refer to Council Resolution No 196/2122 of 17 February 2022.
16 September 2021 87/2122 Doc ID 139904	Item 23.3 NBN Connectivity in Coonabarabran Industrial Estate 87/2122 RESOLVED that Council: <ol style="list-style-type: none"> 2. Supports use of NSW Resilience funding as a co-contribution to assist fund NBN connectivity throughout the Coonabarabran Industrial Estate. 	DEDS	23.09.21 – No response from Resilience NSW regarding funding extension. 06.10.21 – Council’s submission for Regional Co Investment Fund submitted 6 October through NBN Co. Requested grant extension for Resilience NSW grant, to be advised 03.11.21 – Followed up request for extension. Resilience NSW received Project variation and notified department they will receive variation by WSC ASAP, which was accepted 02.12.21 – Discussing options with NBN Co since Regional Co Investment Fund application was not progressed by NBN. 31.01.22 – No action to report 03.02.22 – No action to report until consultations with NBN later this month 28.02.22 – request identification number for VRA side of building through retail provider.

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
21 October 2021 96/2122 Doc ID 141987	<p>Item 2 Mayoral Minute – Newell Highway Upgrade, Coonabarabran 96/2122 RESOLVED that:</p> <ol style="list-style-type: none"> <li>1. Council Authorise the Mayor, with the assistance of a Working Group, to identify the key issues and opportunities from an optimum Bypass design and what that design might look like, identify appropriate consultant advice, prepare a brief for that advice and subsequently make submissions and representations on behalf of Council in relation to the proposed upgrade of the Newell Highway. <li>2. The Working Group consist of a small group of interested locals appointed by the Mayor who can assist with facilitating the above actions. 	Mayor/GM	<p>10.03.22 - A very constructive meeting was held in the Council Chamber in late November, although not all of the invitees (there are seven in total) were able to attend at such short notice. Useful strategies were identified, such as how to conduct a baseline survey of the affect that Covid shutdowns had on local business as a predictor of possible bypass effects. Correspondence to Sam Faraway MLC drafted, not sent.</p>

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report			
21 October 2021 105/2122 Doc ID 141995	<p>Item 10 Next Round of Regional Roads Transfer and Road Classification Review 105/2122 RESOLVED that Council:</p> <ol style="list-style-type: none"> 1. Responds to the State Governments invitation to nominate roads for either transfer or reclassification by nominating Black Stump Way subject to the following conditions: <table border="1"> <tr> <td>a. There is no reduction in income received by Council for roadworks associated with Black Stump Way.</td> </tr> <tr> <td>b. Binnia Street between Booyamurra Street and Cunningham Street is declassified as a regional road and replaced by the alternate truck route which incorporates Cunningham Street and Booyamurra Street.</td> </tr> <tr> <td>c. That roadworks on Black Stump Way continue to be undertaken by Council through a maintenance contract similar to that which exists on the state roads.</td> </tr> </table> 2. Support any application by Gilgandra Shire Council to reclassify Tooraweenah Road. 	a. There is no reduction in income received by Council for roadworks associated with Black Stump Way.	b. Binnia Street between Booyamurra Street and Cunningham Street is declassified as a regional road and replaced by the alternate truck route which incorporates Cunningham Street and Booyamurra Street.	c. That roadworks on Black Stump Way continue to be undertaken by Council through a maintenance contract similar to that which exists on the state roads.	DTS	08.11.21 – Gunnedah advised that they are seeking to transfer management of Black Stump Way to State. No progress yet on Council’s application. 21.01.22 – Due date for applications extended until 28 February 2022. Council submitted our application in December 2021. 03.02.22 – No further updates likely until applications assessed 28.02.22 – No further updates likely until applications assessed.
a. There is no reduction in income received by Council for roadworks associated with Black Stump Way.						
b. Binnia Street between Booyamurra Street and Cunningham Street is declassified as a regional road and replaced by the alternate truck route which incorporates Cunningham Street and Booyamurra Street.						
c. That roadworks on Black Stump Way continue to be undertaken by Council through a maintenance contract similar to that which exists on the state roads.						
21 October 2021 106/2122 Doc ID 141997	<p>Item 11 Place Name Proposal for Reserve in Gordon Street 106/2122 RESOLVED that Council supports the proposal to name the Crown Reserve (No R86082) on the corner of Gordon Street and Hill Street in Coonabarabran, as ‘Martin Reserve’, and seeks community feedback on the proposal through the following mechanisms:</p> <ol style="list-style-type: none"> 1. Public advertising. 2. Writing to property owners in Gordon Street and Hill Street. 3. Writing to the Coonabarabran Historical Society. 	DTS	04.11.21 – Proposal advertised and letters sent to property owners and Coonabarabran Historical Society. Submissions close on 26 November 2021. 03.02.22 – Report to February 2022 Council meeting. 28.02.22 – Council resolved to name the reserve Martin Reserve. Geographic Names Board to be advised. Completed. Refer to Council Resolution No 195/2122 of 17 February 2022.			

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
21 October 2021 109/2122 Doc ID 141999	Item 14 Coolah Water Supply Scheme Upgrade Scoping Study 109/2122 RESOLVED that Council: 2. Commits to a further options study under the Safe and Secure Water Program Version 2, once the Department of Planning Industry and Environment commits to funding this.	DEDS	04.11.21 – discussion was held with DPIE on 22 October and agreed that Council provides an RFQ for DPIE’s review by mid-November 02.12.21- RFQ has been drafted and requires internal review prior to submitting. 06.01.22 – Discussion to conducted with DPIE in February 2022 on progressing this project 03.02.22 – no further update. 28.02.22 – 3 options highlighted by CWT 1 further ‘Packaged’ system being designed for review. Once received decision will be made on preferred option through DPE.
21 October 2021 112/2122 Doc ID 142002	Item 17 Warrumbungle Shire Community Heritage Strategy 2021-2024 112/2122 RESOLVED that: 1. Council adopts the draft <i>Warrumbungle Shire Council Community Heritage Strategy 2021- 2024</i> for the purposes of public exhibition for a minimum of 28 days. 2. A further report be presented to Council on the draft Strategy after the public exhibition period is completed.	DEDS	29.10.21 – Reviewing strategy with the view to incorporating measures. 24.11.21 – Draft completed incorporating measures; to be advertised. 10.01.22 – Public exhibition of strategy commenced on 16 December 2021; closes on 14.03.22 03.02.22 – Public exhibition of strategy commenced on 16 December 2021; closes on 14.03.22. 24.11.21 – Report to be presented to Council after exhibition. 10.01.22 – Public exhibition of strategy commenced on 16 December 2021; closes on 14.03.22. 03.02.22 – report to be prepared after public exhibition period. 24.02.22 – report to be prepared after public exhibition period.

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
21 October 2021 117/2122 Doc ID 142007	Item 23 Notice of Motion – Vacant Building Blocks 117/2122 RESOLVED that Council contact owners of vacant residential blocks in each town and village of the Warrumbungle Shire to encourage them to place their properties on the market for sale.	DEDS	29.10.21 – Promoted via the Community Consultation Meetings and will be further promoted 24.11.21 – Further promotion measures under review. 03.12.21 – Correspondence to be drafted and sent to owners. 03.02.22 – Drafted media release to encourage property owners to place vacant land on market for sale; not yet released. 04.03.22 – No action to report
21 October 2021 122/2122 Doc ID 142010	Item 13 Warkton Bridge – Tender PROCEDURAL MOTION 122/2122 RESOLVED that: <ol style="list-style-type: none"> 1. Council rejects all tenders for the Warkton Bridge project on the basis of insufficient funding and resolves to enter into negotiations with any person (whether or not the person was a tenderer) with a view to entering into a contract in relation to the subject matter of the tender. The council is satisfied that having undertaken a joint tender process there would be little benefit gained in inviting fresh tenders. Subject to securing additional funding, the Council believes that through negotiation a positive outcome can be achieved. 2. The General Manager is authorised, to seek additional funding from TfNSW to facilitate the ability to award a contract for the replacement of Warkton Bridge. 3. The General Manager is authorised to accept a tender for the replacement of Warkton Bridge subject to Council’s commitment to the project capped at the R2R contribution of \$180,000. 	DTS	08.11.21 – Variation submission sent to TfNSW. Onsite meeting with Waeger, who advise that they will consider alternative construction methodology and submit to Council for consideration. 21.01.22 – Additional funding from TfNSW secured. 21.01.22 – Negotiations underway with Waeger Constructions to finalise a contract. 03.02.22 – Negotiations continuing 28.02.22 – Negotiations concluded. Contractor to finalise pricing.

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
18 November 2021 141/2122 Doc ID 143351	Item 14 Draft General Purpose and Special Purpose Financial Statements for the 2020/2021 Financial Year 141/2122 RESOLVED that: <ol style="list-style-type: none"> <li>3. The General Manager be delegated authority to, after Council receives a copy of the Audited Financial Statements and Auditor's report, place the Audited Financial Statements on public exhibition and give notice that Council will present its Audited Financial Statements at an Extra-Ordinary Council Meeting. <li>4. That Council hold an Extra-Ordinary Council Meeting for the Audited Financial Statements be presented to the Council, in accordance with Section 419(1) of the Local Government Act 1993. <li>5. Council authorise the General Manager to call an Extra-Ordinary Council Meeting for the Council to receive the Audited Financial Statements for 2020-21. 	GM	10.03.22 – Statements placed on exhibition. Completed 10.03.22 – Statements presented to February 2022 meeting. Completed 10.03.22 – Statements presented to February 2022 meeting. Completed
18 November 2021 143/2122 Doc ID 143352	Item 16 Update Report on Acquisition of Land for Proposed Rocky Glen RFS Brigade Shed 143/2122 RESOLVED that: <ol style="list-style-type: none"> <li>2. Council accept the donation of land measuring approximately 30m x 44m from the owner of Lot 20, DP757085 for the purpose of constructing a shed for the Rocky Glen RFS Brigade. <li>3. Council classify the land to be acquired for the proposed Rocky Glen RFS Brigade Shed as operational land in accordance with s31(2) of the Local Government Act 1993. 	DTS	21.01.22 - Minister's consent required to remove subdivision restriction. Advice provided. Council arranged surveyor to prepare subdivision plans.
18 November 2021 144/2122 Doc ID 143353	Item 17 Update Report on Coonabarabran Mungindi Road Upgrade Project 144/2122 RESOLVED that: <ol style="list-style-type: none"> <li>2. A report be prepared on the cost of preparing concept designs for a project to upgrade the road between Coonabarabran and Baradine to road train access standard. <li>3. Council include the development of Gardiner Street / Saleyard Road as the heavy vehicle route from Baradine Road to the Newell Highway. 	DTS	03.02.22 – Estimates underway 28.02.22 – No further update 03.02.22 – will be included as part of the project.

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
18 November 2021 145/2122 Doc ID 143354	Item 18 Update Report on Management of Roadside Vegetation 145/2122 RESOLVED that: 2. When the opportunity arises, applications are made through NSW Environmental Trust for funding to prepare a Roadside Vegetation Management Plan.	DTS	03.02.22 – No current funding opportunities. 28.02.22 – No current funding opportunities.
18 November 2021 146/2122 Doc ID 143355	Item 19 Update Report on Classification and Categorisation of Crown Reserves 146/2122 RESOLVED that: 2. In accordance with Section 3.23 of the Crown Land Management Act 2016, notification be provided to the Minister of Council's categorisation of Crown Reserves shown in Item 1 and 2 of Resolution No 410/1920 of 21 May 2020.	DTS	03.02.22 – No further update. 28.02.22 – No further update
18 November 2021 147/2122 Doc ID 143356	Item 20 Update Report on RFS Shed at Coonabarabran Aerodrome 147/2122 RESOLVED that: 2. Upon completion of the LEP review and classification of Council land at the aerodrome as operational land, a Development Application be lodged for construction of a new two (2) bay Fire Brigade shed incorporating offices and equipment storage rooms at the Coonabarabran Aerodrome.	DTS	21.01.22 – No further action possible until the LEP review completed in 2022. 03.02.22 – No further update 28.02.22 – No further update
18 November 2021 148/2122 Doc ID 143357	Item 21 Update Report on Road Closure part Castlereagh Avenue Binnaway for the Pump House Camping Ground Binnaway 148/2122 RESOLVED that Council: 2. Continues the part road closure of Castlereagh Avenue, Binnaway updating the licence agreement and submitting a Development Application for the Pump House Camp Ground, Binnaway as resolved previously via Resolution 162/1718.	DTS	21.01.22 – Two objections to be resolved. 03.03.22 – Objectors to road closure contacted and objections resolved.

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
18 November 2021 149/2122 Doc ID 143359	Item 22 Update Report on Werribee Road Premer 149/2122 RESOLVED that Council: 1. Apply to the Department of Primary Industries – Lands for consent under section 11 of the Land Acquisition (Just Terms Compensation) Act 1991 to issue a proposed acquisition notice to acquire part of Lot 7304 DP1159006 to establish a roadway, subject to the approval of the Minister for Local Government. 2. Make an application for the compulsory acquisition of part of the land described as Lot 7304 DP1159006 for the purpose of forming an access road in accordance with the requirements of the Land Acquisition (Just Terms Compensation) Act 1991. 3. Make an application to the Minister and Governor for approval to acquire the part of the land described as Lot 7304 DP1159006 by compulsory process under section 186 of the Local Government Act 1993. 4. Authorise for the Common Seal of the Warrumbungle Shire Council to be affixed to any documentation required to effect acquisition of the land, if required.	DTS	21.01.22 – No further update. 03.02.22 – No further update, solicitor on leave until 14 February. 28.02.22 – No further update 03.03.22 – Surveyor instructed to prepare subdivision plan.
18 November 2021 151/2122 Doc ID 143360	Item 24 Timor Dam – Dams Safety Upgrade Requirements 151/2122 RESOLVED that Council: 3. Includes allocations for the required Dams Safety operations in its annual operational budgets.	DEDS	08.02.22 – to be incorporated into draft budget. 28.02.22 – funding for dam access put into next year's financial budget for determination by Council.
18 November 2021 152/2122 Doc ID 143361	Item 25 Dunedoo Town Water Security – Talbragar Alluvial Groundwater Source Supply 152/2122 RESOLVED that Council: 2. Further explores the increase of Dunedoo's Town Water Security by considering a pump test of the old bore, the cost for drilling a new deeper bore, and the potential to connect to existing deeper nearby RMS bores.	DEDS	28.02.22 – New deeper bore location to be explored in local site area via contractors. Delivery and quality parameters to be reviewed before determination of location

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
18 November 2021 160/2122 Doc ID 143364	Item 30.3 Sustainability of Child Care Services 160/2122 RESOLVED that Council consult with staff and the community on relevant actions proposed in the sustainability and child care reports.	GM	10.03.22 – Awaiting completion of other projects.
6 January 2022 168/2122 Doc ID 145473	Item 6 Council Committees 168/2122 RESOLVED that Council: 15. Establishes an Audit, Risk and Improvement Committee (ARIC); appoints Councillor Rindfleish to the Audit, Risk and Improvement Committee; and call for expressions of interest for the Independent External Members;	MGR Corp Services	08.02.22 – Expressions of interest sought from existing members 8/2/2022 03.03.22 – Existing members both expressed interest in continuing on Committee; Council appointed Grahame Marchant as Chair and Paul Nankivell as Independent External Member at February 2022 Council meeting (Resolution 187/2122). Complete.
	17. Establishes a Tourism and Economic Development Advisory Committee; appoints Councillors Kopke, Newton and Brady to the Committee; and that the Councillor representatives and Director Environment and Development Services conduct a review of the Committee representation and report back to Council;	DEDS	10.01.22 – Review date yet to be set up. 08.02.22 – review conducted, report prepared for February Council meeting. 24.02.22 - Complete
	20. Establishes a Robertson Oval Advisory Committee; appoints Councillors Hogden and Rindfleish to the Committee; and call for expressions of interest for the community positions;	DTS	21.02.22 – Expressions of interest called for, closing date for submissions 28 February 2022. 28.02.22 – Expressions of interest being reviewed. 03.03.22 – Report to confirm community positions on 17 March Business Paper.

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
6 January 2022 172/2122 Doc ID 145479	Item 9 Quarterly Budget Review Statement for the 1st Quarter Ending 30 September 2021 172/2122 RESOLVED that Council: 1. Accept the first quarter Quarterly Budget Review Statement for the 2021/22 financial year, as presented; 2. Approve the variations as described in Table 1a; and 3. Note and accept the information provided on the status of the rates and annual charges for the period ending 30 September 2021.	CFO	10.03.22 - Completed 10.03.22 - Completed 10.03.22 - Completed
17 February 2022 176/2122 Doc ID 148223	Item 3 Community Consultation Meetings 176/2122 RESOLVED that Council: 1. Note the draft Minutes from the 6 Community Consultation Meetings held in October and November 2021 for Round 1 2021/2022. 2. Note that Minutes from the Community Consultation Meetings held in October and November 2021 for Round 1 2021/2022 will now be released to meeting attendees and on Council's website. 3. Endorse the meeting dates for Round 2 as: <ul style="list-style-type: none"> • Mullaley Monday 21 March 2022 • Coonabarabran Tuesday 22 March 2022 • Dunedoo Monday 28 March 2022 • Baradine Tuesday 29 March 2022 • Mendooran Monday 4 April 2022 • Binnaway Tuesday 5 April 2022 • Coolah Monday 11 April 2022 	GM	23.02.22 – Noted - Completed 23.02.22 – Minutes released to meeting attendees 22.02.22 and placed on Council's website. Complete 10.03.22 – Meetings arranges. Completed
17 February 2022 177/2122 Doc ID 148224	Item 4 Minutes for the Australia Day Awards Committee Meeting – 18 November 2021 177/2122 RESOLVED that: 1. Council note the selection of Australia Day Award recipients for 2022; and 2. Endorse the updated Guidelines and Criteria for 2023 Australia Day Awards and the Nomination Form for 2023 Australia Day Awards.	GM	23.02.22 – Noted. Completed 23.02.22 Complete. Forms updated in readiness for later in the year.

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
17 February 2022 178/2122	Item 5 Minutes of Traffic Advisory Committee Meeting – 2 December 2021 178/2122 RESOLVED that: <ol style="list-style-type: none"> Minutes of the Traffic Advisory Committee Meeting held on the 2 December 2021 are noted for information. 	DTS	28.02.22 – Noted. Complete.
Doc ID 148225	<ol style="list-style-type: none"> Council note the outcome of investigations by TfNSW that the installation of a pedestrian crossing in Bolaro Street, Dunedoo is not supported due to the proposal not meeting numerical warrants and the increased risk to pedestrian safety. 		28.02.22 – Noted. Complete.
	<ol style="list-style-type: none"> Note the closure by Baradine Progress Association to close part Wellington Street, Baradine between Darling Street and Narren Street from 6.00pm to 10.00pm on Saturday, 4 December 2021 be approved subject to compliance with: <ul style="list-style-type: none"> The event not impacting on the Regional Road Council's Road Closure Guidelines Receipt of current Public Liability Insurance 		07.03.22 – Completed – Applicant advised
	<ol style="list-style-type: none"> Approval be granted to the Coonabarabran Chamber of Commerce for part closure of John Street and Dalgarno Street, Coonabarabran on Saturday, 16 April 2022 between 7.30am and 2.00pm to conduct the Annual Easter Bunny Bazaar event subject to compliance with: <ul style="list-style-type: none"> TfNSW Guidelines Council's Road Closure Guidelines TfNSW Road Occupancy Licence TfNSW Regional Special Events concurrence Receipt of current Public Liability Insurance 		07.03.22 – Completed – Applicant advised

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
17 February 2022 178/2122 (cont) Doc ID 148225	<p>Item 5 Minutes of Traffic Advisory Committee Meeting – 2 December 2021 178/2122 RESOLVED that:</p> <p>5. Approval be granted to close the following roads on Monday, 25 April 2022 for the purpose of conducting an ANZAC Day March and Ceremony, subject to compliance with TfNSW Guidelines, Council’s Road Closure Guidelines, TfNSW Road Occupancy Licence for State Roads, TfNSW Regional Special Events concurrence for State Roads that are closed, TfNSW Western Region concurrence for Regional Roads that are closed, receipt of current Public Liability Insurance and amendment of Binnaway Traffic Control Plan to include omitted detour sign.</p> <ul style="list-style-type: none"> • Coolah RSL Sub Branch - Binnia Street between Booyamurra Street and Campbell Street between 10.00am and 12.30pm. • Coonabarabran RSL Sub Branch – John Street between Edwards Street and Essex Street between 10.00am and 1.00pm. • Dunedoo/Leadville RSL Sub Branch – Bolaro Street between Wargundy Street and Merrygoen Street between 10.00am and 12.00pm. • Mendooran RSL Sub Branch – Bandulla Street between Yalcogrin Street and Napier Street between 9.00am and 12.00pm. • Binnaway RSL Sub Branch – Renshaw Street between Bullinda Street and Yarran Street between 9.30am and 12.00pm. • Baradine RSL Sub Branch – Wellington Street and Narran Street between 10.00am and 12.30pm. 	<p style="text-align: center;">DTS</p>	<p>07.03.22 – Completed – Applicant advised</p>
	<p>6. Approval be granted to Coonabarabran RSL Sub Branch for part closure of John Street, Coonabarabran between 5.57am and 6.15am on Monday, 25 April 2022 to conduct the Annual ANZAC Dawn Service subject to compliance with:</p> <ul style="list-style-type: none"> • TfNSW Guidelines • Council’s Road Closure Guidelines • TfNSW Road Occupancy Licence • TfNSW Regional Special Events concurrence • Receipt of current Public Liability Insurance 		<p>07.03.22 – Completed – Applicant advised</p>

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
17 February 2022 178/2122 (cont) Doc ID 148225	Item 5 Minutes of Traffic Advisory Committee Meeting – 2 December 2021 178/2122 RESOLVED that: 7. Consent be granted to Coonabarabran Local Aboriginal Land Council for the Annual Sorry Day March for part closure of John Street, Coonabarabran from the Tennis Club to the Town Hall on Thursday, 26 May 2022 between 10.30am and 10.45am, subject to NSW Police implementing a 'rolling road opening' on the southbound lane between the Mary Jane Cain Bridge and the Town Hall, and compliance with: <ul style="list-style-type: none"> • TfNSW Guidelines • Council's Road Closure Guidelines • TfNSW Road Occupancy Licence • TfNSW Regional Special Events concurrence • Receipt of current Public Liability Insurance 	DTS	07.03.22 – Completed – Applicant advised
8. Approval be granted to the Coonabarabran RSL Sub Branch for part closure of John Street and Dalgarno Street, Coonabarabran on Friday, 11 November 2022 between 11.00am and 11.10am to conduct the Annual Remembrance Day Service subject to compliance with: <ul style="list-style-type: none"> • TfNSW Guidelines • Council's Road Closure Guidelines • TfNSW Road Occupancy Licence • TfNSW Regional Special Events concurrence • Receipt of current Public Liability Insurance 	07.03.22 – Completed – Applicant advised		
17 February 2022 179/2122 Doc ID 148226	Item 6 Baradine Floodplain Management Advisory Committee 179/2122 RESOLVED that Council: <ol style="list-style-type: none"> 1. Notes the information contained in the Baradine Floodplain Management Advisory Committee report; and 2. Not reform the Baradine Floodplain Management Advisory Committee but deal with the matters by reports to Council. 	DTS	28.02.22 – Noted. Complete.
	28.02.22 – Noted. Complete.		
17 February 2022 180/2122 Doc ID 148227	Item 7 Health Advisory Committee 180/2122 RESOLVED that: <ol style="list-style-type: none"> 1. The Health Advisory Committee be established in accordance with the terms of reference provided in Attachment 1; and 2. That nominations are sought from resident medical officer and pharmacist positions. 	GM	
	10.03.22 – To be arranged.		

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
17 February 2022 187/2122 Doc ID 148231	Item 14 Audit, Risk and Improvement Committee 187/2122 RESOLVED that Council appoints Grahame Marchant as Chair and Paul Nankivell as the independent external member of Council's Audit, Risk and Improvement Committee.	MGR Corp Services	03.03.22 – letters sent to Mr Marchant and Mr Nankivell advising of their appointments. Complete.
17 February 2022 188/2122 Doc ID 148232	Item 15 Community Development Coordinator Program – Memorandum of Understanding (MOU) 188/2122 RESOLVED that Council: 1. Endorse the Memorandum of Understanding for the Community Development Coordinator Program and enter into the arrangements with each of the local Development Groups and Progress Associations for a one year period (2021-22); 2. Make available \$27,000 for each of the Development Groups or pro-rated if the groups have been inactive or without a Community Development Coordinator; and. 3. Further review the MOU prior to the end of the financial year.	GM	
17 February 2022 191/2122 Doc ID 148233	Item 17 Community Strategic Plan 191/2122 RESOLVED that Council: 1. Reviews the draft Community Strategic Plan 2022-2037 at a councillor workshop. 2. Receives a report to a Ordinary Council meeting.	MGR Corp Services	10.03.22 – Workshop held 9 March 2022 - Complete 10.03.22 – Report to Ordinary Council Meeting of 17 March 2022. Complete.
17 February 2022 192/2122 Doc ID 148234	Item 18 Community Engagement Strategy 192/2122 RESOLVED that Council: 1. Endorses for community consultation the draft <i>Community Engagement Strategy 2022-2026</i> . 2. Places the Draft Strategy on display for 28 days and calls for public submissions.	MGR Corp Services	03.03.22 – Endorsement noted. Complete. 03.03.22 – Draft Strategy placed on exhibition 25 February 2022. Complete.

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
17 February 2022 193/2122 Doc ID 148235	<p>3. Receives a further report following the display period.</p> <p>Item 19 Quarterly Budget Review Statement for the 2nd Quarter Ending 31st December 2021 193/2122 RESOLVED that Council:</p> <ol style="list-style-type: none"> 1. Accept the second quarter Quarterly Budget Review Statement for the 2021/22 financial year, as presented; 2. Approve the variations as described in Table 1a; and 3. Note and accept the information provided on the status of the rates and annual charges for the period ending 31 December 2021. 	CFO	10.03.22 - Completed 10.03.22 - Completed 10.03.22 - Completed
17 February 2022 195/2122 Doc ID 148236	<p>Item 22 Place Name Proposal for Reserve in Gordon Street, Coonabarabran 195/2122 RESOLVED that Council undertakes the process of officially naming Crown Reserve No R86082 on the corner of Gordon Street and Hill Street in Coonabarabran as Martin Reserve.</p>	DTS	28.02.22 – Geographic Names Board to be advised.
17 February 2022 196/2122 Doc ID 148237	<p>Item 23 Request to Rename Girragulung Road 196/2122 RESOLVED that:</p> <ol style="list-style-type: none"> 1. Council adopt Option 1 and name the full length of the road between Black Stump Way to Moorefield Road as Orana Road. 2. Rural addressing be undertaken for Orana Road. 3. Council seek approval from the Minister on the proposed road name changes. 	DTS	28.02.22 – Geographic Names Board to be advised.
17 February 2022 197/2122 Doc ID 148238	<p>Item 24 Proposed 40km/h Speed Zones in the Coonabarabran and Dunedoo CBDs 197/2122 RESOLVED that Council:</p> <ol style="list-style-type: none"> 1. Note the submissions received for a proposal by TfNSW to implement 40kph speed zones in Coonabarabran and Dunedoo CBDs. 	DTS	28.02.22 – Noted. Completed

	2. Advise TfNSW that it does not agree with the reduction in speed limit and no further action be taken with regards to varying the speed limit.		28.02.22 – TfNSW advised verbally on 24 February 2022, to be followed up in writing.
Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
17 February 2022 198/2122 Doc ID 148239	Item 25 Tourism and Economic Development Advisory Committee – revised Terms of Reference 198/2122 RESOLVED that: 1. Council adopt the revised Terms of Reference for the Tourism and Economic Development Advisory Committee. 2. Council formally write to community groups that were omitted from the Committee representation advising of the changes to the Terms of Reference.	DEDS	24.02.22 – Updated ToR adopted by Council - Complete 28.02.22 – Letters currently being drafted
17 February 2022 199/2122 Doc ID 148240	Item 26 Council Partnership Agreement with Service NSW 199/2122 RESOLVED that Council: 1. Notes the information contained in the Service NSW Partnership Agreement and Report. 2. Authorises the General Manager to enter into Partnership Agreement with Service NSW.	DEDS	24.02.22 – Agreement prepared for General Manager Signature - Complete 28.02.22 – Partnership Agreements signed by GM and sent to SNSW. - Complete
17 February 2022 202/2122 Doc ID 148241	Item 29 Review of Warrumbungle Waste – Dunedoo Transfer Station Proposed Change to Operating Hours 202/2122 RESOLVED that: 1. Council note the Review of Warrumbungle Waste – Dunedoo Transfer Station Proposed Change to Operating Hours report. 2. Subject to satisfactory working arrangements Council alters the Dunedoo Transfer Station opening times to three (3) days per week; being eighteen (18) hours in total instead of 17.5 hours as follows; Sunday: 8.00 – 4.30 closed ½hr for lunch (8hrs) Tuesday: 2.30– 4.30pm (subject to staffing availability) (2 hrs) Thursday: 8.00 – 4.30 closed ½hr for lunch (8hrs) 3. Council responds to submitters advising of Council's decision to alter the opening hours at the Dunedoo Transfer Station.	DEDS	04.03.22 – Complete 24.02.22 – Community to be notified, signage, website and information to be updated, commission 14 March 2022 24.02.22 – letters to be drafted 04.03.22 – Complete

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
17 February 2022 205/2122 Doc ID 148242	Item 32 Notice of Motion – Upgrade Northern End of Lewis Lane, Dunedoo 205/2122 RESOLVED that the Motion be withdrawn and Council write to the presenters at tonight’s Council meeting that Lewis Lane is on the list of roads maintained by Council and will be maintained in the works schedule.	DTS	28.02.22 – Letters to be written to presenters.
17 February 2022 206/2122 Doc ID 148243	Item 33 Notice of Motion – Hotchkiss Road 206/2122 RESOLVED that Council request a report on the possibility of extending the maintenance of Hotchkiss Road another 2.8km from the current end point. This would mean that Council would maintain the first 5.6km of Hotchkiss Road from the intersection of Gulargambone Road.	DTS	07.03.22 – Report is being prepared and will include Hotchkiss Road as well as a number of other road corridors in the same situation.
17 February 2022 211/2122 Doc ID 148244	Item 34.2 Three Rivers Regional Retirement Community Information Report 211/2122 RESOLVED that Council: 2. Continues to utilise temporary fencing around the site, and does not proceed to erection of a permanent privacy screen/fence around the Three Rivers Regional Retirement Community Project. 3. Explores the option of purchasing temporary fencing for the site.	DEDS	24.02.22 – Complete 24.02.22 – pricing to be sought
17 February 2022 212/2122 Doc ID 148245	Item 34.3 Coonabarabran Groundwater Pipeline Project 212/2122 RESOLVED that Council: 1. Notes the information contained in the Coonabarabran Groundwater Pipeline Project Update report February 2022. 2. Recognises the high quality of work undertaken by Thompson Irrifab in the delivery of this project. 3. Agrees, subject to concurrence of the funding providers DPIE Water and a Deed of Release, to utilise unspent project funds up to a maximum value of \$106,818 (ex GST) to make a one-off ex gratia payment to Thompson Irrifab for additional costs incurred on the Coonabarabran Groundwater Pipeline Project.	DEDS	24.02.22 – Complete 24.02.22 – Complete 24.02.22 – Deed of Release to be drafted

Date of Council Meeting & Resolution No.	Resolution	Responsible Officer	Progress Report
17 February 2022 215/2122 Doc ID 148248	Item 34.6 Tender for Purlewaugh Road Upgrade 215/2122 RESOLVED that Council accept the tender for roadworks on Purlewaugh Road between 8km to 24km east from Coonabarabran to Aitken Civil Engineering Pty Ltd for a price of \$2,128,698.68 (Ex GST).	DTS	28.02.22 – Contractor advised. Meeting to be held on 1.03.22
17 February 2022 216/2122 Doc ID 148249	Item 34.7 Regional Tender for Supply & Delivery of Traffic and Safety Signage 216/2122 RESOLVED that: 1. The following suppliers be included on a panel for the Supply and Delivery of Traffic and Safety Signage for the period 1 April 2022 to 31 March 2024, and <ul style="list-style-type: none"> • Artcraft Proprietary Limited • Barrier Sales Pty Ltd t/a Barrier Signs • Central Signs Road & Safety (Aust) Pty Ltd • G & B Services (NSW) Pty Ltd • J. Blackwood & Son Pty Limited t/a Blackwoods 2. A provision be allowed for a 12-month extension based on satisfactory supplier performance, which may take this contract through to 31 March 2025.	DTS	07.03.22 – Completed. Suppliers have been notified of the outcome and the tender is now active. 28.02.22 – Noted. Completed

2-Mar-22

Operating Expenditure Revote Report

WO	Description	Funding Source	Externally Funded %	Revote Amount \$	2021/22 Expenditure	Budget Remaining \$	Comment
Community							
2231	Community Events	Drought Communities Funding		13,783	0	13,783	
2240	Coolah Community Hall Development	Drought Communities Funding		104,000	7,267	96,733	
Sub-Total				117,783	7,267	110,516	
Town Planning							
1499	Landuse Strategy Review	Council funded - well underway		89,536	2,426	87,110	10.3.22 No further progress
Sub-Total				89,536	2,426	87,110	
Tourism and Development Services							
2257	Dark Sky Awakening Festival	Grant		17,500	0	17,500	10.3.22 Event planned for Saturday 7 May 2022. Committee confirmed fund expenditure and acquittal will be before 31 March 2022.
Sub-Total				17,500	0	17,500	
Property And Risk							
2003	Management Plan for Crown Lands	Grant		35,000	0	35,000	Works in progress. Crown Lands has requested review of categorisations of some fo the Crown Reserves.
Sub-Total				35,000	0	35,000	
Youth Related Activities							
2204	Youth Activities - Building Local Pathways for Rural Young People in ongoing drought affected communities	Drought Communities Funding		20,638	14,855	5,783	
2499	NAIDOC Week	Grant		2,058	141	1,917	Funds to be spent by 30 June 2022, including Sandstone Caves trip, potential date 28 or 29 May 2022, after Sorry Day.
2593	Drug & Alcohol Community Action Plan	Grant		10,000	0	10,000	
Sub-Total				32,696	14,997	17,699	
Total Operating Expenditure Revote				Total	292,515	24,690	267,825

Capital Expenditure Revote Report

WO	Description	Funding Source	Externally Funded %	Revote Amount \$	2020/21 Expenditure	Remaining \$	Comment
Communications And IT							
1296	Point to point wifi Coona Office	Grant refer restricted assets		157,343	0	157,343	Reviewing project.
Sub-Total				157,343	0	157,343	
Tourism and Development Services							
2233	Digital Signage at Coonabarabran VIC - installed	Grant		2,330	1,136	1,194	10.3.22 Complete
2590	Security Cameras at Vic Centre	Grant		15,013	0	15,013	10.3.22 No further action to report. 8.11.21 Cameras are installed, rectifying a manufacturer network device fault; awaiting replacement part and network software
Sub-Total				2,330	1,136	1,194	
Town Planning							
2377	Coonabarabran Bypss Planning Proposal	General		20,000	0	20,000	10.3.22 To be commenced

2378	DCP Planning	General		20,000	0	20,000	10.3.22 Brief under preparation for consultant to assist with the review
			Sub-Total	40,000	0	40,000	
Developer							
1915	Contributions Plans - from Developer Contributions	General		13,071	5,790	0	9.2.22 Complete
			Sub-Total	13,071	5,790	0	
Horticulture							
1976	Baradine Skate & Activity Park construction	St Comm Fund - \$ Club grant \$27,000		32,081	32,081	0	Works completed.
2324	Coonabarabran Skate Park - Irrigation	General		29,721	8,356	21,365	Works in progress and subect to completion of carpark area near bike pump track.
			Sub-Total	29,721	40,437	21,365	
Local Roads M&R							
2314	Local-Bridges & Culverts-Cobborah Rd	R2R Funding		55,003	20,845	34,158	
2456	Local-Rehab-Bugaldie-Goorianawa Rd	FLR Funding		27,900	1,217	26,683	Works completed.
			Sub-Total	27,900	22,062	60,841	
Ovals							
1309	Robertson Oval - Amenities refurbishment (Canteen & Toilets)	General		27,368	0	27,368	Works in progress. Currently preparing foundations for construction of footings and slab
2081	Robertson Oval - Amenities refurbishment (Disabled Access)	General		7,429	7,429	0	Works in progress. Carryover funds expended.
2232	Mendooran Sports Ground Fence	DCF 2		44,970	0	44,970	Original scope of works completed.
2264	Basketball Court Refurbishment - Coonabarabran	DCF 2		58,585	58,585	0	Works in progress including installing of bollards for carpark area.
2325	Binnaway Oval-Irrigation Upgrade	General		1,400	1,400	0	Works completed.
2326	Baradine Ovals Toilets - Renewal of Tiles Fixtures Storage	General		26,000	26,000	0	Carryover funds expended.
2451	Coonabarabran Sports Complex Improvements	Grant		10,998	8,818	2,180	
			Sub-Total	176,750	102,232	74,518	
Property And Risk							
1236	Roof Repairs - Coona Office	General		62,500	62,500	0	Works completed.
1837	Coonabarabran Sport & Rec Centre	General		2,000	2,000	0	Works completed.
1858	Coonabarabran Office - Recarpet older section	General		47,647	47,647	0	Works completed.
2046	Road acquisition at Binnaway Camp Ground - Survey cost	General		2,932	0	2,932	Works in progress - advice to be provided to Solicitors on objections.
2082	Community Services Building Upgrades	General		15,000	0	15,000	Quotations to be sought for painting of meeting room.
2086	Mendooran Depot - Toilet Refurb	General		4,353	4,353	0	Works completed.
			Sub-Total	134,432	116,500	17,932	
Public Halls							
2236	Painting Exterior Baradine Memorial Hall	DCF 2		46,520	606	45,914	Original scope of works completed. Variation approved to use remaining funding to address acoustics. Airconditioning and acoustics work programmed for later this month.
2449	Baradine Hall Roof Replacement	Grant		22,371	9,316	13,055	Original scope of works completed. Variation submitted to use remaining funding to repair front portico.
			Sub-Total	68,891	9,922	58,969	
Public Swimming Pools							
1661	Dunedoo Roof Modifications Amenities Block (Polycarbon)	General		22,200	0	22,200	Concept plan completed. Investigations for design of new amenities building expected to commence in February 2022.

2332	Coonabarabran Pool-Concrete Infill-Underwater Lights	General		40,000	13,400	26,600	
2333	Dunedoo Pool-Backwash Water Connection to Sewer	Grant		10,001	101	9,900	
			Sub-Total	72,201	13,501	58,700	
Regional Roads M&R							
2423	MR55 Rehab-near Black Stump Rest Area-Seg535455	Grant		826,443	608,267	218,176	Works completed. Project completion report in progress.
			Sub-Total	826,443	608,267	218,176	
Town Streets							
1332	Drainage Study, Bowen Oval, Goddard & Martin St	General		16,000	0	16,000	Investigation and design in progress.
2346	Crane st Rehab	General		49,721	0	49,721	
2357	Cowper St-Open Channel Construction	General		46,000	0	46,000	Design works in progress
2358	Belar St - New K&G	General		50,000	22,684	27,316	Road shoulder works in front of new kerb & gutter to be completed.
2360	John St - Footpath	General		6,000	0	6,000	
			Sub-Total	167,721	22,684	145,037	
Waste							
2304	Waste Master Plan	General		7,488	2,284	5,204	8.11.21 Consultant prepared report has been completed recommending changes and upgrades. Yet to be implemented.
2305	Landfilling Plan Development	General		20,000	0	20,000	8.11.21 To be progressed
			Sub-Total	27,488	2,284	25,204	
Warrumbungle Sewer							
983	C'bran - Pump Stations Renewal	Sewer Fund		8,715	8,715	0	8/2/22 - the works at SPS#4 have been pushed back from Nov-2021 to April-2022 due to COVID related delays; the project plans sees the project complete in June 2022
1340	Telemetry Upgrade (All Towns)	75% funded		80,175	0	80,175	10.3.22 - project close to completion, completion currently forecast for June 2022
1571	Coonabarabran Sewage Treatment Plant Upgrade (RNSW 813)	50% funded		459,626	42,048	417,578	8/2/22 Revised costings lodged by consultant for works - need to be reviewed against funding received.
1576	Dunedoo Sewage Treatment Plant Upgrade (RNSW 811)	Approx. 75% grant funded		113,066	17,287	95,779	8/2/22 Revised costings lodged by consultant for works - need to be reviewed against funding received.
1577	Coolah Sewage Treatment Plant Upgrade (RNSW 812)	Approx. 75% grant funded		111,571	42,125	69,446	10.3.22 - the issue not being able to source land to build the new STP remains; further investigations underway for packaged plant option
2102	Baradine Sewerage Scheme Upgrade Scoping Study	75% funded		69,712	1,590	68,122	8/2/22 Report received from consultant, further changes to include loading from construction workers camp have been requested by WSC for inclusion
2108	Effluent Reuse- Pivot Irrigator replacement	Sewer Fund		5,500	0	5,500	10.3.22 Complete
2128	Binnaway - Sewerage	75% funded		97,996	3,262	94,734	10.3.22 letter sent to DPE seeking risk ratings to be reviewed, to enable the project to be eligible for funding (resolution 48/2122)
			Sub-Total	946,361	115,027	831,334	
Warrumbungle Water							
535	Reservoirs - Rehabilitation	Water Fund		161,269	11,773	149,496	8/2/22 PO issued, awaiting timeframe from contractor for works to commence
1358	Telemetry Upgrade Water (All Towns)	75% funded		261,379	245,610	15,769	10.3.22 - project close to completion, completion currently forecast for June 2022
1896	Coolah - Chlorine room at bores	Grant		125,698	25,533	100,165	10.3.22 New room in situ and connected. Complete
1903	Baradine Water Treatment Plant- Renewals	Water Fund		30,471	6,543	23,928	10.3.22 No change. New plant has been determined, discussions with DPE on working through Gateway process for SSWP V2 funding
1904	Coonabarabran Water Treatment Plant Renewal	Water Fund		6,427	2,204	4,223	10.3.22 Complete

2070	Baradine clarifier replacement	75% funded		369,075	126,992	242,083	10.3.22 No change. New plant has been determined, discussions with DPE on working through Gateway process for SSWP V2 funding
2073	Coolah Water Supply Scheme Upgrades Scoping Study	75% funded		8,078	4,962	3,116	10.3.22 Complete
2111	Coonabarabran Groundwater pipeline	100% Drought Stimulus		546,802	546,802	0	10.3.22 Complete
2112	Coonabarabran WTP filter media replacement	Water Fund		77,768	73,066	4,702	10.3.22 Complete
2119	Reservoir cleans (shire wide)	Water Fund		11,281	11,281	0	8.11.21 - complete
2120	Reservoir upgrades - WHS, C18, fencing (shire wide)	Water Fund		49,000	35,337	13,663	10.3.22 PO issued, awaiting timeframe from contractor for works to commence, site visits pending
2258	Bores Condition Assessment - Shire wide	Water (Council contribution to 75% funded OWUA project)		61,390	289	61,101	8/2/22 - approval of the project change request from INSW is still outstanding (resolution 378/2021)
2374	Reservoir Upgrades - Internal Structures (Shire Wide)	Water Fund		70,000	63,636	6,364	10.3.22 PO issued, awaiting timeframe from contractor for works to commence, site visits pending
2393	Binnaway Groundwater Investigation	Grant		262,309	9,189	253,120	8/2/22 Revising options - investigating new bore construction costs
2394	Mendooran Groundwater Investigation	Grant		66,167	5,483	60,684	8/2/22 - Funds approved to be utilised for blend tank. Project progressing
			Sub-Total	2,107,114	1,168,700	938,414	
	Total Capital Expenditure Revote		Capital Total	4,899,863	2,228,542	2,664,040	
	Total Operating and Capital Expenditure		Total All	5,192,378	2,253,231	2,931,866	



Related Party Disclosure Policy

Strategic

1. Purpose

Under the *Local Government Act 2009/1993* and *Local Government (General) Regulation 2012/2021*, all local governments must produce annual financial statements that comply with Australian Accounting Standards.

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From 1 July 2016, the Australian Accounting Standards Board amended the AASB 124-Related Party Disclosures to set out that Council's Financial Statement must also contain the necessary disclosures for Related Parties and transactions.

2. Objectives

This policy is to provide guidance on identifying Council's related parties, related party transactions and how to record them in Council's systems and disclose in Council's General Purpose Financial Statements in accordance with AASB 124.

3. Scope

This policy applies to Key Management Personnel (KMP) and related parties of Warrumbungle Shire Council.

4. Legislation and Associated Documents

ASSOCIATED POLICIES	<ul style="list-style-type: none">•
ASSOCIATED LEGISLATION	<ul style="list-style-type: none">• <i>Local Government Act 1993</i>• <i>Local Government (General) Regulation 2021</i>
ASSOCIATED DOCUMENTS	<ul style="list-style-type: none">• <i>AASB 124- Related Party Disclosures</i>• <i>Code of Conduct</i>

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5. Definitions

Term	Definition
KMP	Key Management Personnel
AASB	Australian Accounting Standards Board

6. Policy Statement

Identifying Related Parties

6.1 Key Management Personnel

Key management personnel (KMP) have been defined for this policy as those who have authority and responsibility for planning, directing and controlling the activities of Council, directly or indirectly. These include but are not limited to:

- Mayor;
- Councillors;
- General Manager;
- Directors;

All key management personnel are responsible for self-assessing theirs, their close family members' and their related entities' relationship with Council. All related parties must be included in the self assessment.

Self assessment will be recorded on the Related Party Disclosure form.
Transactions with related parties will also be identified through Council's accounts payable, accounts receivable, applications, payroll and document management systems.

6.2 Close family members of KMP

Close family members of a KMP are those who may be expected to influence, or be influenced by, the KMP in their dealings with Council. This includes but is not limited to:

- (a) The KMP's children and spouse or domestic partner;
- (b) Children of the KMP's spouse or domestic partner; and
- (c) Dependants of the KMP or the KMP's spouse or domestic partner.

Key management personnel are responsible for identifying their close family members through the self assessment process.

6.3 Related entities to KMP

Related Entities to Key management personnel are identified in this policy as:

- (a) Entities controlled or jointly controlled by a KMP of Council;
- (b) Entities, apart from Council, which a KMP has significant influence over or is a member of the key management personnel of the entities (or of a parent of the entities);
- (c) Entities controlled or jointly controlled by a close family member of a KMP of Council;

Key management personnel are responsible for identifying their related entities through the self assessment process.

6.4 Related entities to Council

An entity is related to Council if any of the following conditions applies:

- (a) The entity and Council are members of the same group;
- (b) The entity is an associate or joint venture of the Council (or an associate or joint venture of a member of a group of which Council is a member);
- (c) The entity is a joint venture of a third entity and Council is an associate of the third entity;
- (d) The entity is a post-employment benefit plan for the benefit of employees of Council or a Council's related entity;
- (e) The entity, or any member of a group of which it is a part, provides key management personnel services to Council.

Assessment of Related Party Transactions

6.5 Ordinary Citizen Transaction

Ordinary Citizen Transaction for the purpose of this policy is a transaction that happens between the Council and key management personnel and/or their related parties which satisfy the following criteria:

- (a) Occurs during the course of Council delivering its public service objectives;
- (b) Contains no different term to one that are of the general public;

- (c) Belongs to a class of transactions that an ordinary citizen of the community would transact with the Council;
- (d) This includes but is not limited to payment of rates for properties owned by the key management personnel and dog registration.

Any transaction that are deemed to be ordinary citizen transactions (see above definition) will not be required to be disclosed in the Related Party Disclosure.

Transactions between Council and related parties that would normally be considered ordinary citizen transactions but where the terms and conditions differ from normal practice will not be considered to be an ordinary citizen transaction for the purposes of this policy.

These are required to be disclosed as Non-ordinary Citizen Transactions

6.6 Non Ordinary Citizen Transactions

A related party transaction for the purpose of this policy is a transfer of resources, services or obligations between Council and a related party, regardless of whether a price is charged.

All related party transactions that do not satisfy the definition of an Ordinary Citizen Transaction (see definition in 2.1) are then classified as Non-ordinary Citizen Transactions and must be disclosed as part of the Related Party Disclosure in accordance with AASB 124.

The following are examples of transactions that must be disclosed if they are with a related party and are not an Ordinary Citizen Transaction:

- (a) Purchases or sales of goods (finished or unfinished);
- (b) Purchases or sales of property and other assets;
- (c) Rendering or receiving of services;
- (d) Leases;
- (e) Transfers of research and development;
- (f) Transfers under licence agreements;
- (g) Transfers under finance arrangements (including loans and equity contributions in cash or in kind);
- (h) Provision of guarantees or collateral;
- (i) Commitments to do something if a particular event occurs or does not occur in the future, including executory contracts (recognised and unrecognised); and
- (j) Settlement of liabilities on behalf of Council or by Council on behalf of the related party.

All key management personnel are responsible for self-assessing and disclosing theirs, their close family members' and their related entities' related party transactions with Council.

Self assessment will be recorded on the Related Party Disclosure form.

6.7 Disclosed Information

For each category of related party transactions specified in Section 2.2., Council will disclose the following information in Council's General Purpose Financial Statements:

- (a) The nature of the related party relationship;
- (b) The amount of the transactions;

- (c) The amount of outstanding balances, including commitments, and:
 - (i) Their terms and conditions, including whether they are secured, and the nature of the consideration to be provided in settlement; and
 - (ii) Details of any guarantees given or received;
- (d) Provisions for doubtful debts related to the amount of outstanding balances; and
- (e) The expense recognised during the period in respect of bad or doubtful debts due from related parties.

6.8 Disclosure

For each related party category specified in Section 1, Council will disclose information specified in Section 3 for related party transactions of a similar nature in aggregate except when separate disclosure is necessary for an understanding of the effects of the transactions on the Financial Statements of Council, having regard to the following criteria:

- (a) the nature of the related party relationship;
- (b) the significance of the transaction (individually or collectively) in terms of size or value on Council's Financial Statement.

Information Privacy

6.9 Who can access the information

The following persons are permitted to access, use and disclose the information provided in a related party disclosure or contained in a register of related party transactions for the purposes specified in Section 5.2:

- (a) the General Manager;
- (b) the Responsible Accounting Officer, the Chief Financial Officer, Director of Corporate and Community Services;
- (c) an Auditor of Council (including an Auditor from the NSW Auditor General's Office);
- (d) Other Officers as delegated by the General Manager.

6.10 Permitted Purposes

Persons specified in Section 5.1 may access, use and disclose information in a related party disclosure or contained in a register of related party transactions for the following purposes:

- (a) to assess and verify the disclosed related party transaction;
- (b) to reconcile identified related party transactions against those disclosed in the related party disclosure or contained in a register of related party transactions;
- (c) to comply with the disclosure requirements of AASB 124;
- (d) to verify compliance with the disclosure requirements of AASB 124.

6.11 Confidential

The following information is classified as confidential and is not available for inspection by or disclosure to the public:

- (a) information (including personal information) provided by a KMP in a related party disclosure; and
- (b) personal information contained in a register of related party transactions.

6.12 Exemption



Related Party Disclosure Policy

Strategic

Council and all persons specified in 5.1 must not use or disclose personal information provided in a related party disclosure or contained in a register of related party transactions for any other purpose or to any other person except those which are specified in this Policy unless a written consent has been obtained from the subject KMP.

6.13 Related Party Disclosure

In accordance with the policy, KMP must provide a related party disclosure in the form set out in Attachment A by no later than the following periods during a financial year:

- (a) 30 December each year;
- (b) 30 June each year.

7. Responsibilities

Department and staff responsible for the day to day application of the policy

8. Getting Help

The staff member who can assist with enquiries about the policy

Position: Director Corporate and Community Services

Department: Corporate and Community Services

9. Version Control

DEPARTMENT	Corporate and Community Services		
RESPONSIBILITY	Director Corporate and Community Services		
VERSION CONTROL			
Policy Name	Id No and Version	Resolution	Date Adopted
Related Party Disclosure Policy	1	<u>215/1617</u>	<u>16 March 2017</u>
Next Review Date	September 2025		

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Related Party Disclosure Policy
Strategic

Attachment A: Related Party Disclosure Form

Name of Key Management Personnel: _____

Position of Key Management Personnel: _____

Please read Council's **Related Party Disclosure Policy** prior to completing this form, which explains what is a related party transaction and the purposes for which Council is collecting and will use and disclose, the related party information provided by you in this form.

Please complete the table below for each related party transaction with Council that you, or a close family member or any entity related to you:

- (a) has previously entered into and which will continue in the ~~2016/2017~~ 2021/2022 financial year
- (b) has entered into in the ~~2016/2017~~ 2021/2022 financial year.

Related Party's name (Your name or your related party's name)	Related Party's relationship to you	Description of transactions with Council	Date of transaction	Amount (Leave blank if non-monetary)



Related Party Disclosure Policy
Strategic

Related Party's name (Your name or your related party's name)	Related Party's relationship to you	Description of transactions with Council	Date of transaction	Amount (Leave blank if non-monetary)

Declaration

I _____, declare that to the best of my knowledge,

(Full name)

(Position)

information and belief, as at the date of this declaration, the above list includes all existing related party transactions with Warrumbungle Shire Council involving myself, my close family members, or other related entities to me, that are relevant to the ~~2016/2017~~ 2021/2022 financial year.

I make this declaration; after reading the Related Party Disclosure Policy of Warrumbungle Shire Council, which details the meaning of the words "related party", "related party transaction", "close family members", "related entities" and the "key management personnel" which I am a part of as well as the purposes for which this information will be used and disclosed.

I permit the Responsible Accounting Officer and the other permitted persons specified in Council's Related Party Disclosure Policy to access and use this information for the purposes specified in that policy.



Warrumbungle Shire Council

Community Strategic Plan 2022/2037

A peaceful and sustainable way of life built by a strong community.

Draft

FOREWORD FROM THE MAYOR



I am proud to present the Warrumbungle Shire Community Strategic Plan 2022-2037.

This plan is an inspiring blueprint that captures the ideas, themes and priorities of our community. It is the key strategic plan that will guide Council as we work alongside the community to achieve great things for our region over the coming decade.

Our local government area is a unique one, with such a vast array of different landscapes and a large geographic area to cover. Each town and every village has a special history and strong character creating a vivid sense of place for our population to call home.

This new Community Strategic Plan has been developed hand in hand with our community, the people who shape our way forward. There has been extensive community engagement projects, including the Building Our Warrumbungle Region community sessions, surveys and a call for submissions. Through this community engagement process we have arrived at a new vision and values for Warrumbungle Shire that is clear and compelling.

This Strategy focuses on our strong sense of community, and our ties to the incredible and diverse landscapes we are lucky to enjoy within our region. It balances our varied economy while building on collaboration and creativity. It responds to the improvement of mobility and accessibility to vital services.

This is a shared vision and one which Council will strive to deliver on in the coming decade. A shared vision with shared goals makes for strong working partnerships with government agencies, non-government organisations, community groups, businesses and of course our community, which is critical to our success.

I look forward to working directly with all parties to make the vision and values of the Community Strategic Plan 2022-2037 come to life.

The future is bright.

Ambrose Doolan
MAYOR

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INTRODUCTION

What is the Community Strategic Plan?

The Community Strategic Plan (CSP) essentially addresses four key questions for the community:

- Where are we now?
- Where do we want to be 10 years from now?
- How will we get there?
- How will we know when we have arrived?

At its heart, the CSP is a plan that captures the needs and aspirations of the community. It is also the highest level of strategic planning undertaken by a council. All other plans developed by the council must reflect and support the implementation of the CSP.

Community strategic planning processes and service delivery in the Warrumbungle Shire are guided by principles applying to social justice and sustainability. These principles are:

Social justice principles:

- **Equity** – there is fairness in the distribution of resources.
- **Rights** – people’s rights are recognised and promoted.
- **Access** – people have fair access to the economic resources and services essential to meet their basic needs and to improve their quality of life.
- **Participation** – people have opportunities for genuine participation and consultation about decisions affecting their lives.

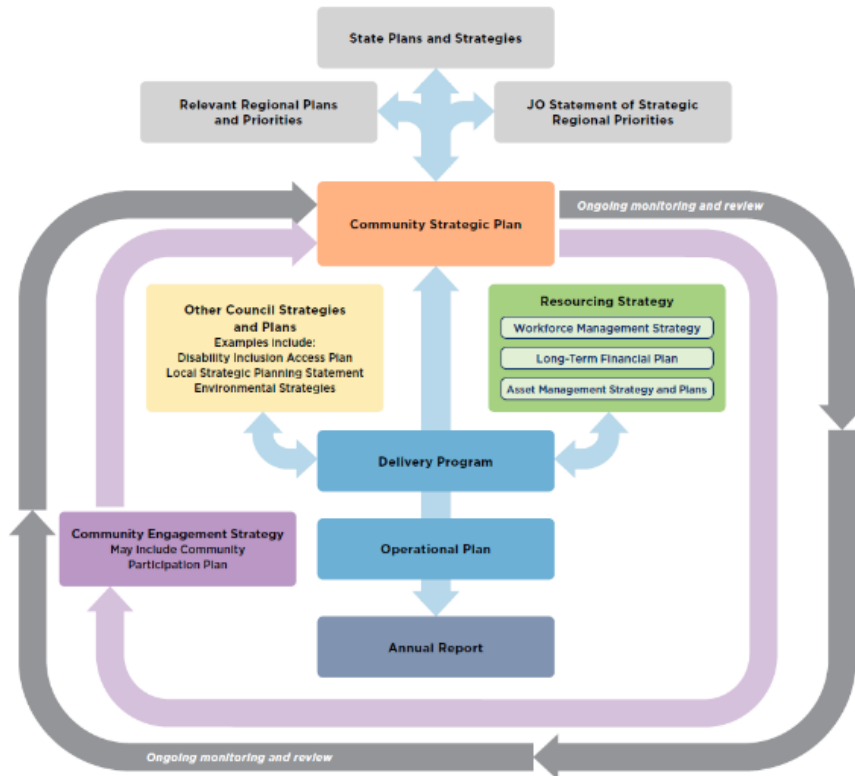
Sustainability principles:

- **Social enhancement** – Council’s decision-making processes lead to greater physical, cultural and financial access and equity in the provision of services and facilities.
- **Environmental quality** – resources are used prudently in the delivery of services and facilities, improving overall environmental amenity, while reducing the impact on natural assets.
- **Economic prosperity** – sustainable local development of jobs, business prosperity and market growth are promoted and supported
- **Governance** – the council business and activities are managed and undertaken in a manner that is transparent and accountable and achieve the long-term goals of the organisation.



Our planning framework

All NSW councils develop and report on a set of plans that set out a vision, goals, and strategies to achieve them. This is known as the Integrated Planning and Reporting (IP&R) Framework.



Council's IP&R Framework comprises:

Community Engagement Strategy a 4-year strategy for community engagement, setting out a whole-of-council commitment to engaging with the community.

Community Strategic Plan a 10-year plan outlining the community's goals and aspirations, captured through extensive community engagement.

Delivery Program a 4-year program for the term of the elected Council, to achieve the goals of the Community Strategic Plan.

Operational Plan an annual plan of actions that support the Delivery Program strategies.

Resourcing Strategy a set of plans and strategies including the Asset Management Strategy, Workforce Management Plan, and Long-Term Financial Plan that ensure Council has the necessary resources and assets.

CONTEXT

Community Snapshot

The Warrumbungle Shire local government area (LGA) is situated on the north western slopes and plains of NSW. It covers an area of 12,380 square kilometres with a population of 9,534 (Australian Bureau of Statistics, 2016). 47% of the population do not live in urban areas.

The LGA incorporates the towns of Baradine, Binnaway, Coolah, Coonabarabran, Dunedoo and Mendooran as well as several villages such as Bugaldie, Cobbora, Goolhi, Kenebri, Leadville, Merrygoen, Neilrex, Purlawaugh, Rocky Glen, Uarbry, Ulamambri, Weetaliba and Yearinan. Coonabarabran is the largest centre, providing regional retail, agricultural and business services.

The LGA boasts a broad range of cultural, sporting and recreational activities with quality educational opportunities, schools and health services. The economy is primarily rural, with the agriculture industry being the largest employer. There is also a thriving tourism industry that benefits from our outstanding natural surrounds, night sky opportunities and location mid-way between Melbourne and Brisbane.

We are challenged by sparse resources, a large geographically isolated area, and an ageing population. This requires co-ordinated planning between all levels of government, businesses and the community to ensure the continued social and physical infrastructure (schools, hospitals, roads, water, sewer, and community facilities) needed to support community expectations, and in particular to ensure the availability of support services that enable older people to remain living in their homes and stay active and connected in their communities.



Partnerships and collaborations

Some of the actions in this plan fall under the responsibility of other government agencies and community organisations. Council is only one part of the community and recognises the significant outcomes that can be achieved when Council works collaboratively and develops partnerships.

Working together with colleagues from other tiers of government, the business community, representatives from peak organisations, local community groups and organisations, and residents brings to life the goals of the community.

The CSP identifies specific actions that requires the consideration and commitment of these other stakeholders to see them come to fruition (see Attachment 2 for connections with other plans).

As some of the actions contained in the CSP are the responsibility of other agencies, Council's role in implementing the CSP is varied. Council's role falls under the following four categories:

- **Leader** Council shows strong, transparent and visionary leadership, promoting unity to make our community even better tomorrow than it is today. *Example – promoting water efficiency.*
- **Provider** Council delivers a range of services to the community. *Example – construction of roads.*
- **Advocate** Council gives voice to the community by lobbying and advocating to achieve benefits and best possible outcomes. *Example – health and policing services.*
- **Collaborator** Council works together with a range of stakeholders to bring outcomes for the community to fruition. *Example – events like Wings & Things.*

COMMUNITY STAKEHOLDERS	AUSTRALIAN GOVERNMENT	STATE GOVERNMENT	WARRUMBUNGLE SHIRE COUNCIL
<ul style="list-style-type: none"> • Peak organisations • Indigenous community • Business community • Residents associations • Sporting associations • Development groups • Residents • Visitors • Community groups • Council 	Key responsibilities: <ul style="list-style-type: none"> • Security • Defence • Immigration • Environment 	Key responsibilities: <ul style="list-style-type: none"> • State roads • Health • Housing • Emergency services 	Key responsibilities: <ul style="list-style-type: none"> • Town planning • Local roads • Water and sewage • Animal management • Waste management • Parks and gardens

COMMUNITY ENGAGEMENT

Council has adopted a Community Engagement Strategy that was used throughout this process. Specialised communication and engagement tools include:

- Building our Warrumbungle Communities engagement sessions
- Externally run Customer Satisfaction Survey capturing a snapshot of our community
- Community consultation meetings
- Public exhibition periods inviting community submissions

What the community said: *what you like, and what you want to see*

“There’s everything in the town that I need, we are well looked after”

“Zero emissions and a carbon neutral footprint by 2030”

“I value having a good, welcoming community”

“More land and building opportunities”

“Brighten up the main street”

“A nice town to live and not too crowded”

“Attract and retain medical services”

“The quiet neighbourhood – it’s free of disruptions”

“Investing more in arts and culture”

“Versatile environment with mountains and clean air”

“Install walking track/s in a convenient location close to town”

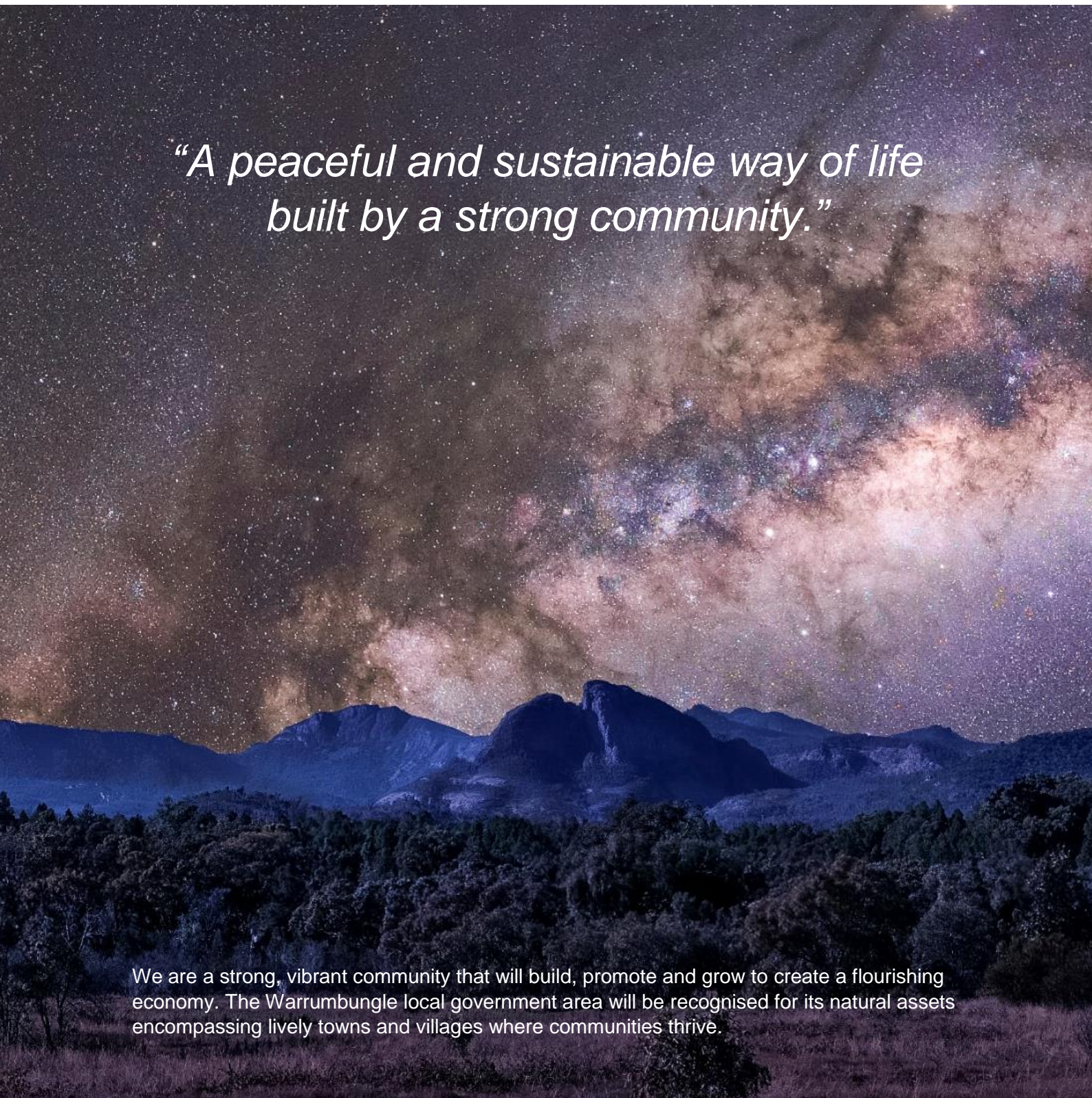
“Creating an environment where our young people feel involved, supported and empowered”

“Insist all new developments are accessible, invest in making all streetscapes accessible”



STRATEGIC DIRECTION

Community Vision



*“A peaceful and sustainable way of life
built by a strong community.”*

We are a strong, vibrant community that will build, promote and grow to create a flourishing economy. The Warrumbungle local government area will be recognised for its natural assets encompassing lively towns and villages where communities thrive.

Values

We value OUR LANDSCAPE

A unique natural environment that is protected and enhanced. Where our towns and villages are the focus of our growth, taking pride in their appearances and diverse characteristics.



We value OUR COMMUNITY AND DIVERSITY

A support system that provides a sense of belonging. With a strong understanding of culture and history, communities work together and provide support to one another.



We value OUR DIVERSE ECONOMY

With such a broad range of markets the economy is resilient and adaptable to change, thriving from our location and lifestyles.



We value OUR MOBILITY AND ACCESSIBILITY

Effective transport systems that provide convenient connections to move people, goods and services.



We value OUR COLLABORATION AND CREATIVITY

Working together to expand the community's way of thinking. Using new technologies to enhance the creative process and outcomes.



KEY COMMUNITY THEMES



Our Community Strategic Plan delivers a series of objectives and actions that is designed to guide the decision making over the next ten years. The Community Strategic Plan provides four key themes to guide the growth and development of the LGA over the coming decades.

These themes draw together the ideas, issues, comments and feedback provided during the engagement process and will be the basis of all planning by Council into the future.

The four key themes in the Community Strategic Plan are:

- **Caring for the Environment** Protecting and valuing our natural assets
- **Civic Leadership** Community-based leadership
- **Strengthening the Local Economy** A sustainable local economy characterised by thriving towns and villages and diverse agriculture
- **Supporting Community Life** Maintaining and growing vibrant and connected communities



Caring for the Environment

We value our pristine, healthy, natural environment with clean water resources and diverse flora and fauna. We enjoy the close proximity to National Parks and large areas of forest and bushland. We love that we are surrounded by wide open spaces and spectacular mountain landscapes. We enjoy the peace and quiet, our temperate climate with four distinct seasons, the fresh, unpolluted air and clear night skies.

GOAL: the good health of our natural environment and biodiversity is preserved and enhanced.

Objectives	Strategies	Council role
CE1 The impacts of climate change on our region are well managed and minimised.	CE1.1 Prepare for climate change through adaptation and mitigation strategies.	Provider Advocate Collaborator
	CE1.2 Encourage residents to embrace sustainable living practices.	Advocate Leader
CE2 The extraction of natural resources from our local government area, including coal and coal seam gas, has minimal negative impact on our natural environment.	CE2.1 Monitor local mining and extractive activities to ensure that negative environmental impacts are identified and mitigated.	Advocate
	CE2.2 Partner with other government agencies to ensure effective environmental oversight of local mining and extractive activities.	Collaborator Advocate
CE3 Local bushlands and forests are host to a healthy diversity of flora and fauna.	CE3.1 Partner with private and public landholders to build and maintain awareness of their responsibilities and requirements regarding environmental, land and natural resource management.	Advocate Collaborator
	CE3.2 Ensure development assessments and all reviews of environmental factors are completed with the aim of minimising damage to the environment.	Provider Leader
	CE3.3 Partner with appropriate agencies and land holders to ensure that the proliferation of weeds and pest animals is monitored and minimised.	Collaborator Advocate

Objectives	Strategies	Council role
	CE3.4 Conduct regular community education programs and ensure that information is available regarding responsible domestic animal ownership and management.	Provider Leader Collaborator
CE4 Local natural water resources including waterways and aquifers remain unpolluted.	CE4.1 Conduct regular water quality monitoring activities.	Provider Collaborator
	CE4.2 Seek co-operative input from State, regional and neighbouring local government agencies in the management of local water resources.	Advocate Collaborator Leader
	CE4.3 Partner with agencies to minimise the effects of damage caused by salinity, riparian activity and ground water pollution.	Collaborator
CE5 Effective and efficient waste and recycling services are provided.	CE5.1 Identify options for the improvement of local waste and recycling services.	Provider Leader
	CE5.2 Promote the range of recycling services.	Provider
CE6 Sustainable growth and respectful planning acknowledges the rural character of the area, values the natural environment and encourages ecologically sustainable development.	CE6.1 Engage with the community to develop plans for growth and development that value the local environment.	Leader Provider Collaborator Advocate
	CE6.2 Ensure best practice use of renewable energy options for Council and community projects.	Leader
	CE6.3 Development activity is monitored and controlled to prevent fragmentation of rural lands.	Provider Advocate Collaborator

Council actions

- Initiate and implement environmental programs and projects
- Ensure developers respect the natural environment in their planning
- Encourage builders to offer energy efficient homes and renewable energy options in their designs
- Ensure that development is respectful of the rural and built heritage within the Warrumbungle local government area
- Support village communities to preserve their way of life
- Deliver infrastructure that supports sustainable growth
- Renew central business districts

Community participation

- Keep the streets, parks and public spaces free of litter
- Reduce, reuse, recycle
- Compost kitchen and garden waste
- Say no to plastic
- Install energy and water-saving options in your home
- Join a local heritage or environment group
- Appreciate the heritage and character of the local area
- Retain and plant native vegetation and trees on your property

Partners

- State and Federal Governments
- Energy providers
- National Trust
- NSW Environment, Energy and Science
- Central West Local Lands Service
- Environmental Protection Authority
- Local environmental organisations
- Local producers
- Department of Planning, Industry and Environment

Targets for measuring our performance

- Reduction in waste to landfill
- Increase in use of alternative energy sources
- Planned and completed infrastructure delivery



Civic Leadership

To look after the Warrumbungle community, a great deal of work happens behind the scenes to ensure there are planned, resourced, efficient and transparent systems in place to enable our community to function and prosper.

The community expects responsible and transparent decision-making with a focus on public conversations and ownership.

GOAL: Leadership will foster collaborative approaches to the governance of our area across all levels of government, to focus on delivering results against our agreed strategic outcomes in the most cost-effective way. The community will be at the heart of decision-making and service delivery.

Objective	Strategies	Council role
CL1 That Council is financially sustainable over the long term.	CL1.1 Ensure that Council is generating sufficient funds to provide the levels of service and infrastructure agreed with the community.	Leader Collaborator
	CL1.2 Grant funding is sourced to value-add Council funded activities.	Provider Collaborator Advocate
	CL1.3 Asset Management Plans for all of Councils assets include levels of service with forecasts identified for operations, maintenance renewals/upgrades and depreciation.	Provider
	CL1.4 Delivery Programs for all Council activities include levels of service provision, with specified periods of review for service levels.	Provider
CL2 Council meets its legislative and compliance requirements and implements opportunities for organisational improvement	CL2.1 Provide Council's leadership with a strong governance and management framework that promotes transparent and informed decision-making.	Leader
	CL2.2 Obtain structured independent assessment of Council's organisational compliance, practices and performance.	Collaborator Leader
CL3 Council fosters a safe, productive and professional workplace, enabling Council staff to source, manage and maintain services to the community.	CL3.1 Provide a professional, skilled and customer-focussed workforce.	Provider Leader

Objectives	Strategies	Council role
	CL3.2 Plan and prepare for future contemporary local government workforce structures.	Provider Leader
	CL3.3 Provide professional learning and career development opportunities for all staff.	Provider Leader
	CL3.4 Prioritise staff health and wellbeing.	Leader Provider
CL4 To have a well-informed community that has confidence in Council's decision-making processes.	CL4.1 Deliver communication that is open, accessible, meaningful and regular across a range of media	Provider Leader Collaborator
	CL4.2 Promote organisational culture that delivers excellent customer service and continuous improvement.	Leader Provider Advocate
	CL4.3 Provide opportunities for widespread and quality engagement and, where appropriate, shared decision-making.	Provider Leader Collaborator Advocate
CL5 To create leaders and foster leadership opportunities in our community.	CL5.1 Encourage and support residents to pursue leadership roles at Council.	Advocate Leader
	CL5.2 Ensure that councillors are well supported in fulfilling their role and in being accessible and actively involved in representing the local government area.	Leader Collaborator
	CL5.3 Support community organisations and groups to deliver services and programs.	Collaborator Advocate
	CL5.4 Engage and train young people to develop our future leaders.	Collaborator Advocate Leader
	CL5.5 Develop and encourage staff to pursue leadership within Council.	Leader Collaborator
CL6 To build strong relationships	CL6.1 Work in partnership with other councils, regional organisations and State and Federal Governments.	Collaborator Advocate
	CL6.2 Advocate for the community to attract external funding to deliver services, facilities and programs.	Advocate Collaborator

Council actions

- Maintain relationships with other organisations and levels of Government
- Support the Mayor and councillors
- Provision of quality customer service and information dissemination
- Provide a range of opportunities for the community to engage in decision-making
- Regular communication with the community of policies, planning and activities
- Develop a strategy for young people to participate in decision-making
- Liaise with community groups to support services and programs
- Prepare and maintain Asset Management Plans, ensuring that assets are managed and accounted for in an efficient and sustainable way and setting out the required level of service for the community in accordance with the CSP and in the most cost-effective manner
- Regularly review service levels required to meet community needs in an efficient and sustainable way

Community participation

- Join a community organisation or Council Committee
- Participate in engagement opportunities
- Provide feedback on plans and policies displayed by Council
- Read the newsletters, browse the website, visit Have Your Say or follow Council pages on social media
- Consider volunteering
- Encourage interested members of the community to seek election to Council

Partners

- State and Federal Governments
- Regional organisations
- Industry peak bodies
- Business chambers
- Community groups

Targets for measuring our performance

- Maintain compliance with local government legislation and guidelines.
- Increase in participation in community engagement.
- High levels of customer satisfaction with services and information provided by Council, including with elected representatives.
- Maintain staff turnover in line with industry benchmarks.
- Improve staff satisfaction levels.



Strengthening the Local Economy

Our community has access to positive choices for investment, employment and study. This includes supporting our predominantly agricultural economy while also strengthening and diversifying the economy by targeting new and innovative industries.

Our solid local tourism industry is based on local attractions including three National Parks, Siding Spring Observatory and a range of tailored facilities and amenities. The contribution of our varied agricultural industry is highly valued, made possible by good climate and rainfall, productive soils, clean water supplies and ready access to markets.

GOAL: A strong and sustainable economy provides our community with localised employment opportunities and ease of access to markets, goods and services.

Objectives	Strategies	Council role
LE1 Support agricultural activities as a foundation of our local economy while recognising that access to diverse local opportunities that are inclusive of people of all ages and skill levels is crucial to our success.	LE1.1 Local agencies, peak bodies and agricultural enterprises work together to ensure the long-term viability of our farming sector.	Advocate Collaborator
	LE1.2 Council's road priority strategy supports the ability of productive land owners to get produce to markets.	Provider Leader
	LE1.3 Encourage and support local business and industry in creating local employment and training opportunities.	Advocate Leader
LE2 Identify, develop and coordinate tourism and economic development opportunities.	LE2.1 Capitalise on the character and lifestyle of the Warrumbungle local government area to remain a destination of choice for travellers.	Advocate Leader Collaborator
	LE2.2 Work with local business and industry to foster local economic development, innovation and expansion.	Collaborator Leader
	LE2.3 Encourage a 'buy local' and 'sell local' approach to business activity.	Advocate Leader
	LE2.4 Develop and attract events, festivals, and activities for locals and visitors, ensuring accessibility for all.	Collaborator Advocate

Objectives	Strategies	Council role
LE3 The community benefits from the economic returns of local renewable energy production, and mining and extractive industries.	LE3.1 Identify and develop opportunities to realise the local government area's potential as a location for the production of renewable energies.	Advocate Collaborator
	LE3.2 Work with public and private sector agencies to ensure that renewable energy production and mining and extractive industries operating within the LGA results in economic returns for our community.	Collaborator Advocate
LE5 Opportunities exist for the establishment of light industries and a range of housing options.	LE5.1 Ensure that Council maintains an approach to land use planning that will support the growth of light industrial activity in appropriate locations within the LGA.	Provider Advocate
	LE5.2 Identify opportunities to expand the availability of a range of housing options based on lifestyle choices and affordability.	Advocate

Council actions

- Promote and support business and employment growth
- Develop and promote tourism investment
- Encourage business networks to take advantage of local supply chains
- Efficient operation of commercial facilities
- Provide dynamic and responsive visitor information services
- Actively seek new events and activities
- Support education providers to ensure appropriate skills development for the region
- Advocate for a broader range of courses offered by the TAFE institutes.

Community participation

- Buy locally
- Promote the Warrumbungle local government area as a place to live, visit and invest
- Use local and regional service providers
- Employ local people
- Attend and support local events
- Participate in education workshops or enrol with a local education provider
- Work together to invest in growth of the local area and industry

Partners

- State and Federal Governments
- Peak business and industry bodies
- TAFE, local schools and other education providers
- Warrumbungle Region tourism
- Regional Development Australia Orana
- Tourism operators
- Local trades
- Developers

Targets for measuring our performance

- An increase in the number of community members who work and study locally
- A high level of indigenous participation in the local workforce
- Increase in visitors to the area who stay and play locally
- An increase in attendance at local events and activities, ensuring inclusiveness



Supporting Community Life

Our communities are strong, resilient and inclusive, and provide support and assistance to those in need. We enjoy the freedoms that are afforded through our safe, friendly and caring community. Our local government area is a great place to raise a family and we value the contributions and participation of our younger people who are provided opportunities to support their development. Our diverse community is reflected through a wide range of arts and cultural activities, festivals and events.

People within the local government area have opportunities to participate in a diverse range of locally based sports catering for people of all ages, activity levels and interests. Our rural setting provides children with opportunities to play in and explore their natural environment and our communities have easy access to a wide range of active and passive recreational pursuits.

GOAL: To maintain a community where people are welcomed, healthy and connected, with opportunities to prosper in their individual pursuits. Active community participation is supported by cultural and recreational facilities and inclusive services that cater to all residents.

Objective	Strategies	Council role
SC1 Develop opportunities and support mechanisms to ensure the local government area attracts and retains young people and families.	SC1.1 Encourage apprenticeship programs amongst employers throughout the local government area and ensure higher education facilities remain.	Advocate Collaborator Leader
	SC1.2 Provide appropriate services to ensure that young people and families have access to appropriate support services such as childcare.	Provider Advocate Leader
SC2 Our local government area is home to vibrant arts, and cultural life is promoted and supported as an essential aspect of community well-being.	SC2.1 Work with local communities to develop and expand local arts and cultural activities, programs and events.	Collaborator Leader
	SC2.2 Partner with key stakeholders to deliver cultural facilities and services that reflect the interests of a culturally diverse community.	Collaborator Provider
	SC2.3 Celebrate and conserve the diverse cultural heritage of the urban, village and rural communities.	Collaborator Provider Leader Advocate
SC3 A healthy and active community is supported by sport and recreational infrastructure	SC3.1 Identify and deliver sport and recreation facilities to service the community into the future.	Provider Collaborator

Objectives	Strategies	Council role
	SC3.2 Encourage the development of local sports and recreation programs and activities that are inclusive of diverse ages, abilities and interests.	Advocate
	SC3.3 Agencies work together to ensure National Parks and Reserves; waterways and public spaces are appropriately equipped and accessible for recreation activities.	Collaborator Provider Leader Advocate
	SC3.4 Identify opportunities for innovative adaptation and/or sharing of open space and infrastructure for recreational purposes as well as regular maintenance and upkeep of parks, reserves, swimming pools and other recreational assets to ensure availability of such assets to residents of the shire.	Provider Collaborator
SC4 The long-term wellbeing of our community is supported by ongoing provision of high quality services, health and aged care, education, policing and public safety, child, youth and family support, environmental protection and land management.	SC4.1 Partner with key stakeholders to ensure the long-term provision and retention of high-quality services.	Advocate Collaborator Leader Provider
	SC4.2 Ensure that local emergency services are equipped, trained and prepared to manage natural disasters and critical incidents.	Advocate
	SC4.3 All levels of government work together to ensure our roads are safe and functional.	Provider Leader Collaborator Advocate
	SC4.4 The future requirements for water and power are identified and adequately planned for by service providers.	Leader Provider Advocate Collaborator

Objectives	Strategies	Council role
	SC4.5 Partner with appropriate government agencies and transport providers to establish a range of local and regional public transport options.	Advocate Collaborator
SC5 Resource allocation and service provision reflects the needs of our ageing population.	SC5.1 Lobby appropriate agencies across all levels of government to increase the provision of services and resources for an ageing population.	Advocate
	SC5.2 Develop access plans for towns to ensure mobility of ageing residents.	Provider Leader Advocate
SC6 Our towns and villages are characterised by their attractiveness, appearance, safety and amenity.	SC6.1 Take enforcement action against owners of properties with unsafe, dangerous or unhealthy conditions.	Provider
	SC6.2 Ensure that town streets and landscapes are kept clean and tidy through regular street and amenities cleaning, as well as maintenance and upgrades to current facilities.	Provider
	SC6.3 Work with local communities to develop and implement improvement plans for our streetscapes, main streets and town entrances.	Collaborator Leader Advocate

Council actions

- Advocate for better health services for the community
- Promote healthy lifestyle choices
- Facilitate crime prevention programs
- Support local sporting groups and clubs
- Provide community services to support a diverse population
- Deliver community programs
- Coordinate and promote arts and cultural programs
- Deliver and maintain infrastructure projects
- Advocate for the provision of high-quality telecommunications
- Ensure water security is planned for in the long-term

Community participation

- Embrace a healthy lifestyle
- Join a local sporting club or association
- Enjoy your local park, sports ground or recreational facilities
- Become a volunteer or join one of the many community groups or organisations
- Report criminal activity and anti-social behaviour
- Attend an event, exhibition or festival

Partners

- State and Federal Governments
- Western NSW Local Health District
- Health, disabilities, aged care, and child care providers
- Department of Communities and Justice
- Orana Arts
- Peak industry bodies and local sporting groups
- NSW Police

Targets for measuring our performance

- Increased use of sporting and recreation facilities
- Increased satisfaction with Council's cultural and recreational facilities
- Decrease in the number of crimes committed
- Reduced number of pedestrian and vehicle accidents per capita



REFERENCES

Caring for our environment

NSW State Plan 2021 Goals

- 22. Protect our natural environment
- 22. Involve the community in decision making on government policy, services and projects
- 23. Increase opportunities for people to look after their own neighbourhoods and environments
- 21. Secure potable water supplies
- 23. Increase opportunities for people to look after their own neighbourhoods and environments
- 30. Restore trust in State and Local Government as a service provider

ORANA Regional Development Australia Plan Key Priorities and Strategies 2010-2020

New Resource Developments

Alternative Energy Developments

Central West Catchment Action Plan Goals 2011 – 2021

CGW1: Improve the condition of water dependent ecosystems (rivers/ wetlands/ GDEs) to good condition stable state.

CGW2: Contribute to achieving balanced use, efficiency, movement and connectivity of water within the Catchment landscape and improve water quality.

CGL1: There is an increase in soils managed within capability to achieve 70% groundcover and critical thresholds for soil carbon.

CGB1: Improve extent, connectivity and condition of vegetation communities to good condition stable state, and improve habitat for native fauna.

Civic Leadership

NSW State Plan 2021 Goals

- 31. Improve government transparency by increasing access to government information
- 26. Fostering opportunity and partnership with Aboriginal people
- 32. Involve the community in decision making on government policy, services and projects
- 1. Improve the performance of the NSW economy
- 2. Rebuild State finances
- 3. Drive economic growth in NSW

ORANA Regional Development Australia Plan Key Priorities and Strategies 2010-2020

Pressure on Local Government to Deliver more Services with Limited Budgets

Orana Regional Organisation of Councils Strategic Plan 2010-2015

Goal 2: To encourage OROC councils to work together, share resources and co-operate on projects of joint interest.

2.1 OROC General Managers to continue to work together collaboratively – GMAC.

2.2 OROC to continue to find attractive procurement opportunities and cost savings.

2.3 OROC to continue to build on relationships already established at an operational level.

2.4 OROC to undertake an audit of Councils' skills and training needs in the region.

2.5 OROC is to source cost effective training as a group and ensure training is delivered across the local government sector.

ORANA NSW Regional Action Plan 2021

Priority 3: Support Aboriginal people and communities to develop and implement effective governance structures

Strengthen our Local Economy

NSW State Plan 2021 Goals

- 3. Drive economic growth in regional NSW
- 6. Strengthen the NSW skills base
- 19. Improve the performance of the NSW economy
- 4. Increase the competitiveness of doing business in NSW
- 5. Place downward pressure on the cost of living

ORANA Regional Development Australia Plan Key Priorities and Strategies 2010-2020

Enterprise and Workforce Development
Structural Change in the Agricultural Industries

Central West Catchment Action Plan Goals 2011 – 2021

CGC1: Natural resource management decisions contribute to improving or maintaining social and economic wellbeing, including increasing adaptive capacity.

ORANA NSW Regional Action Plan 2021

Priority 1: Support economic growth within the region
Priority 2: Improve education and training opportunities for young people

NSW State Plan 2021 Goals

- 20. Build liveable centres
- 5. Place downward pressure on the cost of living
- 4. Increase the competitiveness of doing business in NSW
- 19. Invest in critical infrastructure
- 29. Restore confidence and integrity in the planning system

ORANA Regional Development Australia Plan Key Priorities and Strategies 2010-2020

Water security for Existing and Future Urban and Industry Development
Ageing Population

Supporting Community Life

NSW State Plan 2021 Goals

- 24. Make it easier for people to be involved in their communities
- 13. Better protect the most vulnerable members of our community and break the cycle of disadvantage
- 14. Increase opportunities for people with a disability by providing supports to meet their needs and realise their potential
- 25. Increase opportunities for seniors in NSW to fully participate in community life
- 27. Enhance cultural, creative, sporting and recreation opportunities
- 24. Make it easier for people to be involved in their communities
- 5. Place downward pressure on the cost of living
- 13. Better protect the most vulnerable members of our community and break the cycle of disadvantage
- 26. Fostering opportunity and partnership with Aboriginal people

ORANA Regional Development Australia Plan Key Priorities and Strategies 2010-2020

Economic Security of Aboriginal People
The Viability of Small Regional Centres
Human Potential not being fully Utilised

Central West Catchment Action Plan Goals 2011 – 2021

CGC2: There is an increase in capacity of NRM managers leading to the sustained adoption of practice change that improves natural and cultural resources.

ORANA NSW Regional Action Plan 2021

Priority 5: Provide integrated and coordinated health and human services and improve community safety

NSW State Plan 2021 Goals

- 29. Restore confidence and integrity in the planning system
- 32. Involve the community in decision making on government policy, services and projects
- 11. Keep people healthy and out of hospital

ORANA Regional Development Australia Plan Key Priorities and Strategies 2010-2020

New Tourism Developments

NSW State Plan 2021 Goals

- 8. Grow patronage on public transport by making it a more attractive choice
- 9. Improve customer experience with transport services
- 12. Provide world class clinical services with timely access and effective infrastructure
- 15. Improve education and learning outcomes for students
- 16. Prevent and reduce the level of crime
- 17. Prevent and reduce the level of reoffending
- 18. Improve community confidence in the justice system
- 10. Improve road safety
- 20. Build liveable centres
- 4. Increase the competitiveness of doing business in NSW
- 7. Reduce travel times
- 10. Improve road safety
- 19. Invest in critical infrastructure
- 21. Secure potable water supplies
- 22. Protect our natural environment

ORANA Regional Development Australia Plan Key Priorities and Strategies 2010-2020

Health Services and Infrastructure

Education Services and Infrastructure

Transport Infrastructure

Communication

Orana Regional Organisation of Councils Strategic Plan 2010-2015

Goal 1: To advocate and lobby on behalf of the OROC region.

- 1.1 OROC to position and prepare itself to respond to its members needs.
- 1.2 OROC support and add its weight as a regional voice for local issues.
- 1.3 To develop a regional prospectus as a resource to support all member councils.
- 1.4 OROC to develop relationships with Federal and State Ministers and government agencies.
- 1.5 OROC to develop a uniformed and positive approach for submissions to government as required, in which regional problems are addressed.
- 1.6 OROC is to further develop relationships and communicate with allies and key regional organisations to develop a consistent common response from the region on various issues.

ORANA NSW Regional Action Plan 2021

Priority 4: Improve regional infrastructure



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