



COUNCIL MEETING

AGENDA

Wednesday 20 March 2024

Commencing at 4:30pm

**Charlton District Office
1 High Street
Charlton**

**Wayne O'Toole
Chief Executive Officer
Buloke Shire Council**

ORDER OF BUSINESS

1. COUNCIL WELCOME AND STATEMENT OF ACKNOWLEDGEMENT

WELCOME

The Mayor Cr Alan Getley will welcome all in attendance.

STATEMENT OF ACKNOWLEDGEMENT

The Mayor Cr Alan Getley will acknowledge the traditional owners of the land on which we are meeting and pay our respects to their Elders and to the Elders from other communities who maybe here today.

2. RECEIPT OF APOLOGIES

3. DECLARATION OF PECUNIARY AND CONFLICTS OF INTEREST

In accordance with Section 130 (2) of the Local Government Act 2020 Councillors who have a conflict of interest in respect of a matter being considered at this Meeting, must

- a) Disclose the conflict of interest in the manner required by the Council's Governance Rules 2020; and
- a) Exclude themselves from the decision making process in relation to that matter, including any discussion or vote on the matter at any Council meeting or delegated committee, and any action in relation to the matter.

Disclosure must occur immediately before the matter is considered or discussed.

NEXT MEETING

THE NEXT COUNCIL MEETING WILL BE HELD IN WYCHEPROOF SUPPER ROOM, 367 BROADWAY, WYCHEPROOF ON WEDNESDAY, 10 APRIL 2024 AT 7:00PM.

Wayne O'Toole
Chief Executive Officer

3.1 MANAGEMENT REPORTS

3.1.1 NATIONAL EMERGENCY MANAGEMENT AGENCY - DISASTER READY FUND ROUND TWO 2024-2025

Author's Title: Acting Director Infrastructure and Delivery

Department: Infrastructure and Delivery

File No: GS/09/66

Relevance to Council Plan 2021 - 2025

Strategic Objective: Our Built and Natural Environment

PURPOSE

This report is presented to Council to consider utilising \$250,000 (\$83,333p.a.) Council cash and \$250,000 (\$83,333p.a.) of in-kind support, to be funded over 3 financial years from Quarter 3 2024 to Quarter 3 2027.

The Council cash commitment is for the purpose of a co-contribution to support an application for the *National Emergency Management Agency Disaster Ready Fund Round Two 2024-2025* with the North Central Catchment Management Authority and the Mallee Catchment Management Authority also contributing of \$525,000 and \$125,000 respectively. The total contribution between Buloke, Mallee CMA and North Central CMA is \$1,150,000 will be matched by the Disaster Ready Fund, \$2,3M overall.

The proposed project is for the Lidar survey and flood modelling of Buloke Shire Council.

SUMMARY

This project will determine the impacts of flooding for the Buloke Shire, creating comprehensive flood information for emergency and mitigation planning, updating planning schemes, and community education. It will include detailed flood modelling and mapping for unmapped areas and investigate how channel decommissioning and infrastructure affect flood flow distribution in the Shire.

The Disaster Ready Fund (DRF) is an Australian Government disaster risk reduction initiative which will fund a diverse set of large scale and long-term resilience projects in partnership with states and territories.

The DRF commits up to \$200 million per year nationally for disaster risk mitigation projects, to improve Australia's natural disaster resilience and risk reduction capabilities. The Australian Government has announced up to \$1 billion will be committed through the DRF over five years, from 1 July 2023 to 30 June 2028.

The primary objectives of the DRF are to:

- increase the understanding of natural hazard disaster impacts, as a first step towards reducing disaster impacts in the future;
- increase the resilience, adaptive capacity and/or preparedness of governments, community service organisations and affected communities to minimise the potential impact of natural hazards and avert disasters; and
- reduce the exposure to risk, harm and/or severity of a natural hazard's impacts, including reducing the recovery burden for governments and vulnerable and/or affected.

RECOMMENDATION

That Council:

1. Approve a financial co-contribution of \$250,000 (\$83,333p.a.) Council cash and \$250,000 (\$83,333p.a.) of in-kind support, to be funded over 3 financial years from Q3 2024 to Q3 2027 for the purposes of a funding application towards the Disaster Ready Fund 2024.
2. Delegate authority to the Chief Executive Officer to apply for National Emergency Management Agency Disaster Ready Fund Round Two 2024-2025; and
3. Authorises the Chief Executive Officer to sign the funding agreement on behalf of the Council should the application be successful.

Attachments:

- 1 Regional Floodplain Management Strategy, Mid Term Implementation Snapshot
- 2 DRF Round Two Indicative Budget Template Buloke

DISCUSSION

This project addresses a high-priority actions identified in the Regional Catchment Management Strategies of both Mallee CMA and North Central CMA. It aims to fill flood knowledge gaps across Buloke Shire in rural areas and townships to understand flood risks and safeguard lives, infrastructure, and waterway health. Recent irrigation modernization has changed water flow patterns in the area. Recent flood events in 2016, 2018, 2022 and 2024 underscore the need for updated understanding of flood movements. While some flood studies exist, such as those for Donald and Charlton, they are over a decade old and need updating to incorporate considerations for climate change and best practices. The funding is intended to procure up-to-date LiDAR data that considers irrigation modernisation for the study area in Buloke Shire. Additionally, it will enable engagement with an engineering consultancy to conduct flood modelling throughout the shire, encompassing regional flood mapping and detailed studies at critical sites. The resulting information will enhance the flood resilience of the community by augmenting existing flood data. Outputs from the project will inform land use and development planning, emergency management, and community education. Consultation with the local community will be an integral part of the project.

It is important to note; the Mallee CMA has recently been successful in obtaining Risk and Resilience funding to undertake a landscape flood study across its Southern Mallee catchment area including the northern section of Buloke Shire Council. This project will run complimentary to the Mallee CMA project.

RELEVANT LAW

The project must align with the National Disaster Risk Reduction Framework, State Emergency Management Plan (SEMP) and Northern Centra CMA Flood Mitigation Strategy 2018-2028 and the Mallee Floodplain Management Strategy 2018-2028

RELATED COUNCIL DECISIONS

Not Applicable

OPTIONS

The Council may elect not to pursue this funding opportunity.

SUSTAINABILITY IMPLICATIONS

This project addresses a high-priority actions identified in the Regional Catchment Management Strategies of both Mallee CMA and North Central CMA. It aims to fill flood knowledge gaps across Buloke Shire in rural areas and townships to understand flood risks and safeguard lives, infrastructure, and waterway health. Recent irrigation modernisation has changed water flow patterns in the area. Recent flood events in 2016, 2018, 2022 and 2024 underscore the need for an updated understanding of flood movements. While some flood studies exist, such as those for Donald and Charlton, they are over a decade old and need updating to incorporate considerations for climate change and best practices.

COMMUNITY ENGAGEMENT

Comprehensive engagement is currently underway with both catchment management authorities following the recent flood events. Additionally, on-ground engagement has been conducted with the broader community.

Throughout the response phase and in the immediate aftermath of the 2022 flood event, Council held community meetings confirming Councils knowledge gap and inaccuracy with Councils existing studies. These meetings allow for the collection of local knowledge and perspectives, which has been invaluable in shaping Councils approach as well as building community support and buy-in, which is essential for the successful implementation of any recommendations or actions resulting from the proposed study. By engaging with both catchment management authorities and the local community, the aim is to ensure that its findings and recommendations are grounded in a deep understanding of the local context and supported by those most affected in our community.

INNOVATION AND CONTINUOUS IMPROVEMENT

The funding is intended to procure up-to-date LiDAR data that considers irrigation modernization for the study area in Buloke Shire. Additionally, it will enable engagement with an engineering consultancy to conduct flood modelling throughout the shire, encompassing regional flood mapping and detailed studies at critical sites. The resulting information will enhance the flood resilience of the community by augmenting existing flood data. Outputs from the project will inform land use and development planning, emergency management, and community education. Consultation with the local community will be an integral part of the project.

COLLABORATION

The Buloke Shire Council will be lead agency on this Project and the support agency will be North Central CMA and the Mallee CMA.

FINANCIAL VIABILITY

The total budget forecast for the project is \$2.3M, comprising \$1.3M funding from the Commonwealth Government, \$.525M from the North Central CMA, \$.175M from the Mallee CMA, \$.250M Council in-kind contribution and \$.250M Council Cash. Councils cash contribution will be split over 3 years from FY24, that is \$83,333 each year over 3 financial years.

It should be noted that any spend committed to through successful funding applications will be subtracted from the available Council funds for capital projects in that financial year. Ongoing maintenance and training requirements should be undertaken every 12 months, with associated costs contained in Council's operational budget.

REGIONAL, STATE AND NATIONAL PLANS AND POLICIES

The proposed Project is listed as one of the priority projects in the Northern Central CMA Flood Mitigation Strategy 2018-2028 and the Mallee Floodplain Management Strategy 2018-2028 and also aligns with the SEMP and will contribute to outcomes listed in the DRF.

COUNCIL PLANS AND POLICIES

The proposal relates directly to key risks in the Climate Change Mitigation and Adaptation Strategy. The proposal to capture LiDAR data and utilise it for a flood study directly addresses the core risks outlined in the Climate Change Mitigation and Adaptation Strategy, particularly in understanding and mitigating flood hazards within the Buloke landscape. By leveraging LiDAR technology, the initiative aims to provide comprehensive insights into the terrain's topography, facilitating accurate projections of increased rainfall intensity and subsequent flooding. These detailed flood models will enable informed decision-making processes for stakeholders and policymakers, guiding proactive measures such as improved infrastructure planning, land use management, and adaptive design strategies. LiDAR-derived data into flood studies will not only enhance the resilience of the Buloke landscape to climate change impacts but also inform future strategies for sustainable development and disaster preparedness.

TRANSPARENCY OF COUNCIL DECISIONS

Council has met its transparency obligations by ensuring consultation with the Mallee CMA and the Northern Central CMA.

CONFLICTS OF INTEREST

No officer involved in the preparation of this report has a conflict of interest.

Regional Floodplain Management Strategy

Mid-term Implementation Snapshot



Acknowledgment of Country

The North Central Catchment Management Authority acknowledges Aboriginal Traditional Owners within the region, their rich culture and spiritual connection to Country. We also recognise and acknowledge the contribution and interest of Aboriginal people and organisations in land and natural resource management.



www.nccma.vic.gov.au



Regional Floodplain Management Strategy implementation - the first five years

44% of priority actions complete or in progress.

Close to **\$7** million investment directly linked to workplan actions has been secured in the region.

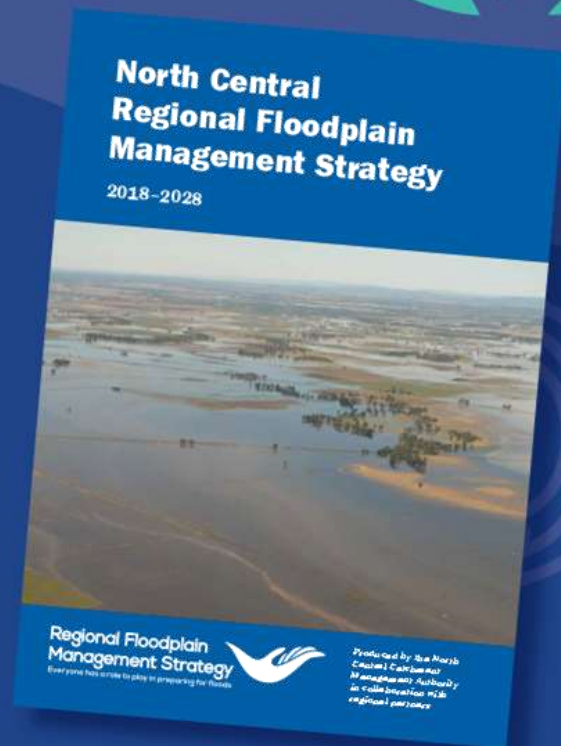
Planning Scheme amendments completed for **10** townships.

Significant investment secured for flood mitigation infrastructure design and construction including:

- Levee construction underway at Carisbrook, Castlemaine and Campbells Creek.
- Levee construction complete at Donald.

Rapid Flood Risk Assessments covering **21** locations complete.

Funding secured to deliver Rapid Flood Risk Assessments covering **11** locations and flood studies at **4** locations.



The next five years of implementation will be guided by the Regional Workplans

141 actions:

- 73 High Priority
- 45 Medium Priority
- 23 Low Priority

Background and introduction

The [North Central Regional Floodplain Management Strategy 2018-2028](#) (RFMS) was developed in 2018 to apply policies, actions, and accountabilities of the Victorian Floodplain Management Strategy at a regional and local scale over the ten-year life of the strategy.

Regional Floodplain Management Strategies were a priority action of the [Victorian Floodplain Management Strategy](#) which was developed in 2016.

The RFMS (strategy) was developed by the North Central Catchment Management Authority (CMA) in partnership with the region's fourteen Local Government Authorities (LGAs), water corporations, Victoria State Emergency Service (VICSES), Traditional Owners, the Department of Energy, Environment and Climate Action, Parks Victoria, Department of Transport and Planning, Bureau of Meteorology, and local communities.

The strategy provides a single, regional planning document for floodplain management for the North Central CMA region including to guide investment priorities.

Strategy implementation is at the mid-way point. This snapshot report offers a summary of progress including achievements and challenges during implementation.

An updated regional workplan is included as part of this report to guide future investment and delivery of regional priorities over the next five years of the strategy.

Our collective vision for floodplain management in the region is one where north central Victorian communities are aware of flooding and are actively taking measures to manage their flood risks to minimise the consequences to life, property, community wellbeing, the economy and the environment.

The RFMS has four objectives:

- 1 Build resilient communities** – through collating and sharing flood risk information.
- 2 Reduce existing flood risk** – by implementing and maintaining flood mitigation infrastructure.
- 3 Avoid future risk** – through effective strategic and statutory land use planning and building controls.
- 4 Manage residual risk** – by improving and coordinating flood warning and response arrangements.

Regional overview

Summary points

- The North Central CMA region covers 13% of Victoria's land area.
- More than 780,000 hectares or over 25% of the region is subject to inundation from a 1% Annual Exceedance Probability (AEP) flood event.
- Climate change presents a significant risk for the region. Flooding is likely to be exacerbated by increased frequency and intensity of rainfall events.

The North Central CMA region covers 13% (about three million hectares) of Victoria. It comprises four inland river catchments, the Campaspe, Loddon, Avoca and Avon-Richardson. Each rise on the northern slopes of the Great Dividing Range and flow northward onto the wide, flat riverine plains of northern Victoria. The catchments form part of the Murray-Darling Basin and extend across fourteen LGAs and seven Traditional Owner groups.

The region's waterways encompass more than 100,000 km of streams and 1,600 wetlands within the region that are known for their significant economic, environmental, cultural, and social values. Flooding is a natural hazard in the region, flash flooding and riverine flooding can and has impacted many populated communities.

More than 780,000 hectares, or 25%, of rural and urban land across the region, under both public and private ownership, is subject to inundation by a 1% AEP (i.e., a 1-in-100-year average recurrence interval) flood.

A Changing Climate

Impacts from climate change to weather patterns are a reality for the region.

This presents a significant bearing to flood risk and the consideration of climate change in planning and flood response is no longer negotiable. Since the development of the strategy, climate change research and scientific evidence about its current and future impacts is more definitive. Recent updates to [Australian Rainfall and Runoff, 2019](#) reflect this.

Flood risks in the region are likely to be exacerbated by increased frequency and intensity of rainfall events. The latest scientific information should now be consistently and transparently applied to all new and updated flood studies and flood modelling and subsequently through planning scheme amendments. The updated workplan reflects this, with several actions to update existing flood studies with climate change scenario modelling to inform future flood planning and response across the region.



Strategy implementation

The strategy and its regional workplan were developed and are implemented in collaboration with local communities and agencies with flood emergency management functions. The regional workplan identifies actions for implementation. It provides guidance and direction for all agencies with floodplain management functions, including local councils, VICSES and CMAs, to align priorities and maximise community benefits with available funding.



Funding

Significant funding, in the order of \$6.8 million, directly linked to workplan actions was secured in the region in the first five years of the strategy implementation.

This includes:

- More than \$3 million to support projects linked to priority actions in the workplan over the past five years through the Risk and Resilience Grants Program.
- More than \$3 million of National Flood Mitigation Infrastructure Program funding to support large flood mitigation projects at Carisbrook and Castlemaine and Campbells Creek.

Significant funding has also been obtained through the federal government's National Flood Mitigation Infrastructure Program for large mitigation projects including the Carisbrook township western levee and the Castlemaine and Campbells Creek levees.

Opportunistic funding has provided additional resources to deliver projects that directly link to priority actions in the regional workplan including the federally funded Central Goldfields Flood Mapping Project through the Preparing Australian Communities Grant.

Lead agencies in the North Central CMA region have been proactive and successful in securing funding to deliver priority actions outlined in the regional workplan. This has supported implementation with 44% or 86 of the initial priority actions complete or with funding secured and in progress.

The delivery of actions is not guaranteed and is dependent on available funding, resources, and the lead agency's ability to deliver. Funding to implement actions outlined in the workplan is typically secured through local or state and federal government investment through grants or other funding opportunities when they arise.

To date, the main source of investment has been the Risk and Resilience Grant Scheme which is administered by Emergency Management Victoria and is funded by one third contribution between federal and state governments and the lead agency.



The spring 2022 flood event and the RFMS

Large, widespread, and sustained flooding occurred across the North Central CMA region from mid-October 2022. These floods were catchment wide, impacting the Loddon, Avoca, Avon Richardson, and Campaspe catchments as well as the Murray River. Flash flooding impacted towns in the upper catchments and riverine flooding impacted many townships in the region and large areas of rural land along these floodplains.

For some areas, the floods were the largest on record with devastating impacts for communities such as Rochester. Only ten years prior Rochester was impacted by then record-breaking floods. The impacts of climate change are now very real for the region and must be considered in all flood planning and response.

The spring 2022 floods highlighted the importance of strategy implementation including recognition that work undertaken by various stakeholders between floods makes a difference to flood preparedness and response.

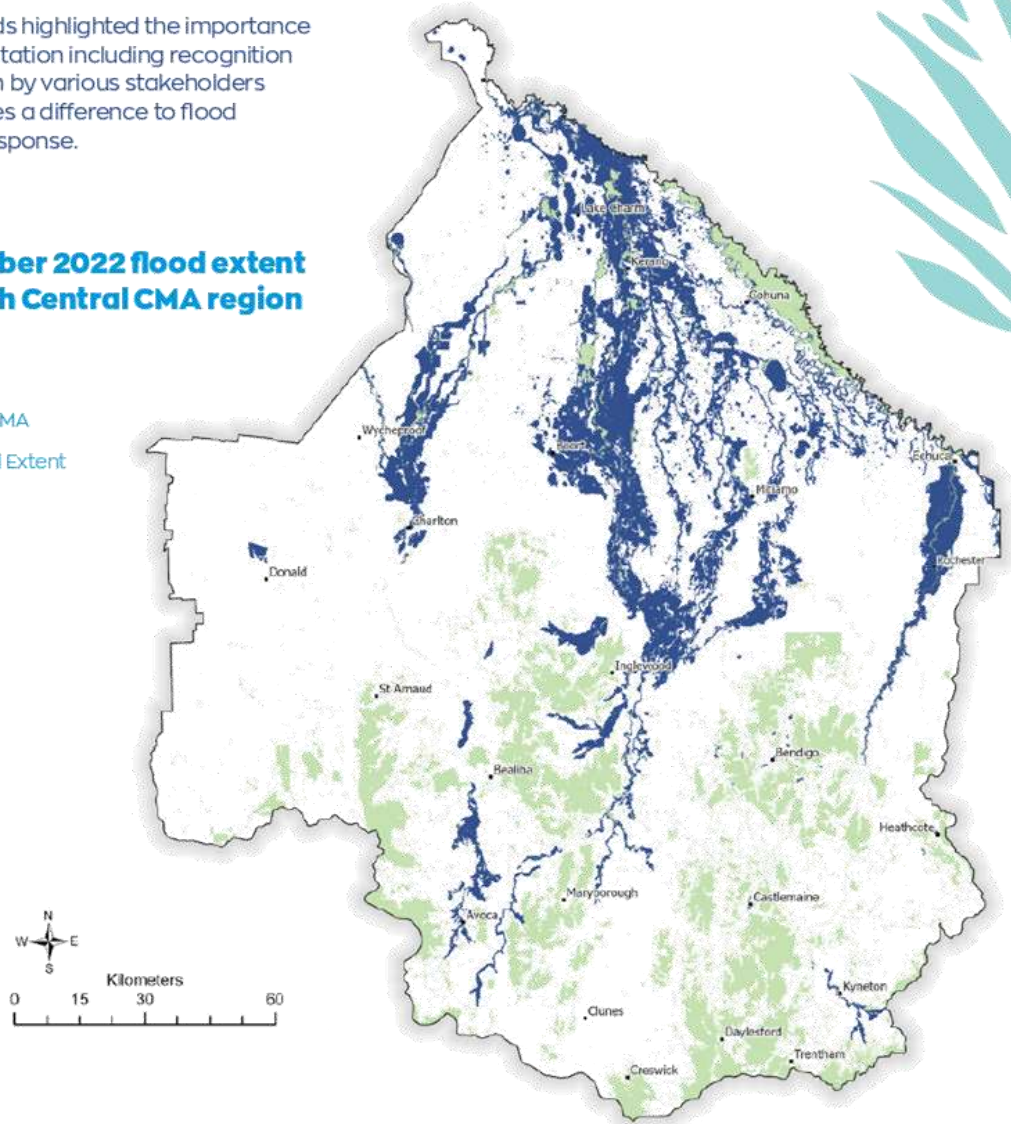
Overall communities within the North Central CMA region were better positioned to respond to the floods of spring 2022 when compared with flooding of 2010-2011. This can be attributed to investment in flood studies, mitigation planning and infrastructure across the region.

Recent flooding has highlighted the importance of continuing the critical work that helps our region and its communities respond to and plan for the next flood event.

The mid-term review includes key learnings from the recent floods that have helped refresh priorities for the region.

Indicative October 2022 flood extent across the North Central CMA region

- Main Towns
- North Central CMA
- Indicative Flood Extent





Implementation challenges

Implementation of the strategy has been challenging for lead agencies particularly local government. Local government bodies have a limited rate base and ability to raise revenue to invest in actions which will deliver new flood studies, new flood mitigation infrastructure and/or new community services.

The main source of funding to support the delivery of actions, the Risk and Resilience Grants, requires a one third co-contribution by the lead agency. For local government, and other lead agencies, providing this one third contribution to support the delivery of projects has been challenging therefore some high priority actions have not progressed.

In addition, there have been significant staff shortages in various skill sets such as planning, building, and engineering in recent years. This has further reduced the capacity of local government bodies to deliver extra projects while undertaking business-as-usual activities within existing resource constraints.

Despite this, collaboration between lead and supporting agencies has helped overcome some constraints. For example, North Central CMA in its implementation role has supported a number of LGAs to overcome resourcing and funding challenges by assisting with the preparation of applications, project scopes and the project management of some projects including flood mapping projects.

It is important to note that LGAs resourcing and funding challenges could be compounded over the next five years of the strategy implementation. This is partly due to many of the region's municipalities being severely impacted by recent flooding and now being in a flood recovery stage. It could be difficult for lead agencies to deliver actions in the strategy and the need for further innovation and efficiency will be required.

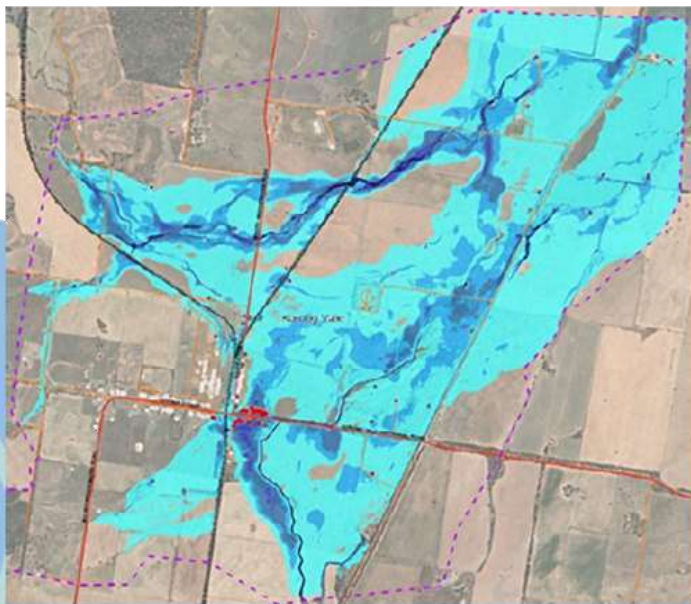
A more efficient approach to flood mapping projects through Rapid Flood Risk Projects

In 2020 North Central CMA delivered the Rapid Flood Risk Assessment project which was co-funded by the federal and state governments through the Natural Disaster Resilience Grants Scheme (NDRGS). This project enabled the development of flood mapping and the assessment of the flood risk for 21 townships across eight municipalities in the region. These townships were identified through extensive consultation with local councils, VICSES, relevant agencies and local communities through the development of the Regional Floodplain Management Strategy. Although these townships were generally recognised as having some level of flood risk, considered independently they would have been unlikely to warrant a detailed flood study. Therefore, the Rapid Flood Risk Assessment project was proposed as an efficient and cost-effective approach for producing robust flood information for multiple geographical locations within the typical time and budget of a single detailed study.

This project addressed approximately 25% of the flood study actions identified in the regional workplan. Furthermore, the information is also essential to inform land use and development planning, improve emergency management planning and response through the incorporation of flood intelligence, and prioritise townships which warrant further detailed mitigation studies to address the identified flood risk.

Due to the success of this project, a second Rapid Flood Risk Assessment project was funded in 2022 through the Risk and Resilience Grants Program, covering eight townships and three larger rural areas.

Figure: **An example of the output mapping from a Rapid Flood Risk Assessment at Korong Vale.**



Achievements

Summary points

- The regional workplan identified and prioritised 194 actions.
- 53 actions complete.
- 33 actions currently in progress with funding secured.
- In summary, 44% or 86 priority actions are complete or in progress.

Regional priority	Key achievements	Actions complete
<p>Priority One: Update planning controls to reflect the best available information.</p>	<p>Flood related Planning Scheme Amendments complete:</p> <ul style="list-style-type: none"> - Carisbrook and Dunolly- Central Goldfields Shire - Creswick and Clunes - Hepburn Shire Council - Castlemaine, Campbells Creek, and Chewton - Mount Alexander Shire - Charlton and Donald - Buloke Shire - Heathcote - City of Greater Bendigo 	7
<p>Priority Two: Construct new flood mitigation infrastructure, resolving ownership and maintenance accountabilities, and improving floodplain function.</p>	<p>Complete:</p> <ul style="list-style-type: none"> - Quambatook flood mitigation levee <p>In progress:</p> <ul style="list-style-type: none"> - Carisbrook flood mitigation works - Castlemaine and Campbells Creek flood mitigation works - Koondrook levee design - Detailed assessment and investigation Epsom-Huntly levees - St Arnaud Flood Study detailed design of recommended mitigation actions 	10
<p>Priority Three: Address gaps in flood knowledge through flood mapping projects.</p>	<p>Complete:</p> <ul style="list-style-type: none"> - Rapid Flood Risk Assessment project covering 21 locations. - Upper and lower Avoca flood mapping <p>In progress:</p> <ul style="list-style-type: none"> - Echuca, Moama Torrumbarry Flood Study - Harcourt Flood Study - Korong Vale Flood Study - St Arnaud Flood Study - Rapid Flood Risk Assessment project covering 11 locations 	23
<p>Priority Four: Improve preparedness for flood emergencies.</p>	<p>Complete:</p> <ul style="list-style-type: none"> - Automated Gauge for Donald - Updated flood prediction service for Charlton - Installation of gauge board for Creswick - Resilient Rochester 	12
<p>Priority Five: Educate agencies and individuals on the roles and responsibilities in floodplain management.</p>	<p>Business as usual</p> <ul style="list-style-type: none"> - Delivery of communication plan and educational and/or promotional collateral regarding floodplain and waterway management policies, accountabilities, and actions. 	1
<p>Priority Six: Incorporate Traditional Owner knowledge into floodplain management activities.</p>	<p>This priority remains a focus:</p> <ul style="list-style-type: none"> - A grant application submitted for a project in Gannawarra Shire, however the submission was unsuccessful in securing funding. 	0
<p>Priority Seven: Create a flood-resilient transport network.</p>	<p>This priority remains a focus:</p> <ul style="list-style-type: none"> - A grant application submitted for a project identifying key transport routes however the submission was unsuccessful in securing funding. 	0

Improvements to flood warning and mitigation

Levees and other mitigation work constructed since the 2010-11 flood events mitigated flooding in October 2022 for several townships including Charlton, Quambatook, and Donald.

The flood at Charlton was slightly greater in magnitude than the September 2010 flood event, which resulted in approximately 70-80 properties experiencing over floor inundation.

However, the flood impacts were far less during the October 2022 flood event, with less than five properties inundated over floor. This was due to improvements undertaken by Buloke Shire Council including drainage upgrades, construction of a floodway and a low-level levee bank as well as alterations to impediments in the floodplain.



Photo: Members of the project steering committee for the Donald Flood Management Plan walking along a completed section of the Donald Township Levee, 2017.

Updated regional workplan

Summary points

- A review of the regional workplan has resulted in 141 actions prioritised for completion over the next five years.
- The flood events of spring 2022 have identified new priorities.
- Several actions have been consolidated to improve efficiency.
- Several existing flood studies are a decade old and require updates to include climate change scenario modelling and modelling larger magnitude flood events.

At the half-way mark of the 10-year strategy, a review of the workplan was undertaken with lead agencies. The review provided an opportunity for lead agencies to review their actions in the workplan, provide updates and reprioritise to ensure actions are appropriate for the next five years of the strategy. Recent flood events, such as spring 2022, have highlighted new priorities, that have also been included in the updated workplan through this review process.

Priorities have shifted in some instances and several actions are consolidated or removed as they are no longer a priority.

There are now 141 total actions in the regional workplan, each aligning with regional priorities and objectives of the RFMS. Each action is prioritised, has a lead agency, and estimated costs (high, medium, and low) included.

There are 52 new actions identified in the regional workplan including:

- The consolidation of previous actions into projects that are better defined, targeted and/or larger in scale to improve efficiency in delivery and project management.
- New flood studies and updates to existing flood studies.
- Next step or follow on projects resulting from the completion of initial scoping and design or flood studies i.e., mitigation works/construction, planning scheme amendments or more detailed flood studies.

Delivery of all actions over the next five years is dependent on available funding, resources, and the lead agency's ability to deliver.



Photo: **VICSES and community volunteers working together during the Spring 2022 floods.** Photo Credit: **VICSES - Castlemaine Unit**

Summary of total Regional Workplan Actions for the next five years

Regional priority	Total actions	In progress	Not yet started
Update planning controls to reflect the best available information	30	4	26
Construct new flood mitigation infrastructure, resolving ownership and maintenance accountabilities, and improving floodplain function	37	9	28
Address gaps in flood knowledge through flood mapping projects	41	18	23
Improve preparedness for flood emergencies	21	2	19
Educate agencies and individuals on the roles and responsibilities in floodplain management	This is now business as usual.		
Incorporate Traditional Owner knowledge into floodplain management activities	2	0	2
Create a flood-resilient transport system	10	0	10
Total	141	33	108



Addressing gaps in flood knowledge through flood mapping projects

Flood studies completed since 2011 have provided valuable mapping and intelligence for dozens of towns in our region. This allowed for a much better prepared and effective response in supporting the lead agency for flooding, the Victorian State Emergency Service (VICSES) during the recent flood event. Further studies have been included in the workplan review to extend the available information, review, and update existing studies, include climate change scenario modelling, and consider recent flooding.

An update to the Rochester Flood Management Plan, 2013 is a new, high priority action in the workplan in response to recent record-breaking floods.

The Rochester community was devastated by the October 2022 flood event; despite improved flood warnings, education and information following the 2011 flood event and the communities' best efforts to be prepared in the days leading up to the floods.

The flood was substantially larger than the previous record-breaking flood of January 2011. It exceeded all previously modelled floods including the 0.5% Annual Exceedance Probability (AEP) or 1 in 200-year Average Recurrence Interval (ARI) flood by 300 mm at the Rochester Town Gauge. Initial predictions indicate this flood was far greater than the 1 in 500-year ARI flood event.

Prior to this recent flood, Rochester experienced significant flooding from the Campaspe River just over a decade earlier in January 2011. The January 2011 flood was the largest recorded flood at the time, impacting 80% of the town and was in the order of a 1% AEP flood or 1 in 100-year ARI flood event.

There is now an urgent need to better understand the flood risk for Rochester for the full range of flood events, modelling must also include climate change scenarios and updated flood mapping to inform flood planning and response. It will also be vital to revisit potential mitigation options for the town. This is now included as a new, high priority action in the regional workplan.








Photo: A flood marker in Rochester, highlights the size of the October 2022 event compared with previous record-breaking floods.

Appendix 1: Regional workplan

Table 1: **Regional workplan priorities and actions for the North Central Regional Floodplain Management Strategy**

Status^ Key

	No longer a priority		Existing priority, not yet started
	New priority, not yet started		Existing priority, in progress
			Completed

Regional Priority 1:				Update planning controls to reflect the best available information						
Unique ID	Region	Regional Priority	RFMS ID	Lead Agency	Supporting Agency	Action	Cost*	Expected completion	Priority	Status^
101	Regional	P1	R.101	North Central CMA	LGAs, DEECA	Identify and coordinate a region-wide collaborative approach to updating planning schemes.	Medium	1-2 years	High	
102	Ballarat	P1	CoB.101	City of Ballarat	North Central CMA	Extend the Environmental Significance Overlay to all waterways within the North Central CMA boundaries of the City of Ballarat.	Low	4+ years	Low	
103	Bendigo	P1	CGB.101	City of Greater Bendigo	North Central CMA	Update planning controls for Heathcote.				
104	Bendigo	P1	CGB.102	City of Greater Bendigo	North Central CMA	Update planning controls for Marong.	Low	1-2 years	High	
105	Bendigo	P1	CGB.103	City of Greater Bendigo	North Central CMA	Update planning controls from rural flood studies (e.g., Axe Creek, Campaspe River, Bullock Creek).	Low	1-2 years	High	
106	Bendigo	P1	CGB.104	City of Greater Bendigo	North Central CMA	Update planning controls after flood mitigation works have been implemented.	Low	4+ years	Low	
107	Buloke	P1	B.101	Buloke Shire	North Central CMA	Update planning controls for Charlton.				

Regional Priority 1:				Update planning controls to reflect the best available information						
Unique ID	Region	Regional Priority	RFMS ID	Lead Agency	Supporting Agency	Action	Cost*	Expected completion	Priority	Status^
108	Buloke	P1	B.102	Buloke Shire	North Central CMA	Update planning controls for Donald.				✓
149	Buloke	P1	B.106	Buloke Shire	North Central CMA	Update flood related planning controls for Buloke Shire upon completion of flood studies.	Low	3-4 years	Medium	🔄
112	Campaspe	P1	C.101	Campaspe Shire	North Central CMA	Update planning controls for Rochester.	Low	1-2 years	High	▶
114	Campaspe	P1	C.103	Campaspe Shire	North Central CMA	Review and update existing planning controls and schedules for Campaspe Shire.	Low	1-2 years	Medium	✗
115	Campaspe	P1	C.104	Campaspe Shire	North Central CMA	Update planning controls for Echuca.	Low	1-2 years	Medium	✗
116	Campaspe	P1	C.105	Campaspe Shire	North Central CMA	Update planning controls from rural flood studies (e.g. Mount Hope Creek, Campaspe River, Mount Pleasant Creek).	Low	4+ years	Low	✗
117	Central Goldfields	P1	CG.101	Central Goldfields Shire	North Central CMA	Update planning controls for Maryborough.	Low	1-2 years	High	✗
118	Central Goldfields	P1	CG.102	Central Goldfields Shire	North Central CMA	Update planning controls for Carisbrook.				✓
119	Central Goldfields	P1	CG.103	Central Goldfields Shire	North Central CMA	Update planning controls for Dunolly.				✓
120	Central Goldfields	P1	CG.104	Central Goldfields Shire	North Central CMA	Update planning controls from rural flood studies (e.g. Bealiba, Timor-Bowenvale).	Low	3-4 years	Medium	✗
150	Gannawarra	P1	G.105	Gannawarra Shire	North Central CMA	Undertake a Shire Wide Planning Scheme Amendment.	Medium	3-4 years	Medium	🔄


Regional Priority 1:				Update planning controls to reflect the best available information						
Unique ID	Region	Regional Priority	RFMS ID	Lead Agency	Supporting Agency	Action	Cost*	Expected completion	Priority	Status^
125	Hepburn	P1	H.101	Hepburn Shire	North Central CMA	Update planning controls for Creswick and Clunes.	✓			
126	Hepburn	P1	H.102	Hepburn Shire	North Central CMA	Update planning controls for Trentham.	Low	3-4 years	Medium	✗
148	Hepburn	P1	H.103	Hepburn Shire	North Central CMA	Update planning controls for Glenlyon.	Low	1-2 years	High	📄
151	Loddon	P1	L.106	Loddon Shire	North Central CMA	Undertake a Shire Wide Planning Scheme Amendment.	Low	1-2 years	High	📄
132	Macedon Ranges	P1	MR.101	Macedon Ranges Shire	North Central CMA	Update planning controls for Woodend.	Low	1-2 years	High	✗
133	Mount Alexander	P1	MAS.101	Mount Alexander Shire	North Central CMA	Update planning controls for Newstead.	Low	1-2 years	High	✗
134	Mount Alexander	P1	MAS.102	Mount Alexander Shire	North Central CMA	Update planning controls for Harcourt.	Low	1-2 years	High	✗
135	Mount Alexander	P1	MAS.103	Mount Alexander Shire	North Central CMA	Update planning controls from rural flood studies (e.g., Campbells Creek (rural) and Muckleford Creek).	Low	3-4 years	Medium	✗
136	Mount Alexander	P1	MAS.104	Mount Alexander Shire	North Central CMA	Update planning controls for Maldon.	Low	4+ years	Low	✗
137	Mount Alexander	P1	MAS.105	Mount Alexander Shire	North Central CMA	Update planning controls for Castlemaine, Campbells Creek, and Chewton.	✓			
138	Northern Grampians	P1	NG.101	Northern Grampians Shire	North Central CMA	Update planning controls for St Arnaud.	Low	1-2 years	High	✗
139	Northern Grampians	P1	NG.102	Northern Grampians Shire	North Central CMA	Update planning controls for Richardson River and Avon River catchments.	Low	4+ years	Low	✗

Regional Priority 1:				Update planning controls to reflect the best available information						
Unique ID	Region	Regional Priority	RFMS ID	Lead Agency	Supporting Agency	Action	Cost*	Expected completion	Priority	Status^
140	Northern Grampians	P1	NG.103	Northern Grampians Shire	North Central CMA	Update planning controls for the Avoca River.	Low	3-4 years	Medium	✘
146	Northern Grampians	P1	NG.104	Northern Grampians Shire	North Central CMA	Update planning controls for Marnoo.	Low	1-2 years	High	🔄
141	Pyrenees	P1	P.101	Pyrenees Shire	North Central CMA	Update planning controls for Avoca, Amphitheatre and Natte Yallock.	Low	1-2 years	High	▶
142	Pyrenees	P1	P.102	Pyrenees Shire	North Central CMA	Update planning controls for Lexton.	Low	1-2 years	High	✘
143	Pyrenees	P1	P.103	Pyrenees Shire	North Central CMA	Update planning controls for Waubra.	Low	4+ years	Low	✘
144	Swan Hill	P1	SH.101	Swan Hill Rural City	North Central CMA	Update planning controls for Tyntynder Flats, Swan Hill, Pental Island and Woorinen.	Low	1-2 years	High	✘
145	Swan Hill	P1	SH.102	Swan Hill Rural City	North Central CMA	Update planning controls for Lower Loddon and Avoca floodplains, based on regional flood mapping.	Low	1-2 years	High	✘

Regional Priority 2:				Construct new flood mitigation infrastructure; resolving ownership and maintenance accountabilities; and improving floodplain function						
Unique ID	Region	Regional Priority	RFMS ID	Lead Agency	Supporting Agency	Action	Cost*	Expected completion	Priority	Status^
203	Regional	P2	R.203	North Central CMA	LGAs	<p>Investigate the current situation and potential future options for improved floodplain function in identified areas, including but not limited to:</p> <ul style="list-style-type: none"> The lakes system from Kerang to the Little Murray River outfall (including investigation of 6/7 Channel, the Washpen Creek and levees and the Sheepwash Creek and levees). <p>Investigate installation of regulating structure on Sheepwash Creek):</p> <ul style="list-style-type: none"> Lake Meran and surrounds, including outlet structure an floodway. The Avoca River downstream of Quambatook, particularly Hogan's Weir and Farley's Weir, diverting flows to Sandhill Lake, Lake Lookout and the Back Creek, and issues with flooding over the Kerang-Quambatook Road. Additional sites identified in consultation with the community. 	Medium	1-2 years	High	✘
244	Regional	P2	R.204	North Central CMA	LGAs	Investigate drainage course declarations in areas of high residual water risk.	Medium	3-4 years	Medium	🔄
245	Regional	P2	R.205	North Central CMA	LGAs	Identify and investigate ring levees for houses where appropriate.	Medium	3-4 years	Medium	🔄
250	Regional	P2	R.206	North Central CMA	LGAs & VICSES	Deliver Levees: Flood readiness and response strategies project.	High	1-2 years	High	🔄
204	Bendigo	P2	CGB.201	City of Greater Bendigo	North Central CMA, DEECA, Parks Vic	Formalise management arrangements for Bendigo Creek Levee Stage One: Undertake flood modelling.	✓			
251	Bendigo	P2	CGB.204	City of Greater Bendigo	North Central CMA, DEECA, Parks Vic	Formalise management arrangements Bendigo Creek Levee Stage Two: Detailed design.	Low	1-2 years	High	▶

Regional Priority 2:				Construct new flood mitigation infrastructure; resolving ownership and maintenance accountabilities; and improving floodplain function.						
Unique ID	Region	Regional Priority	RFMS ID	Lead Agency	Supporting Agency	Action	Cost*	Expected completion	Priority	Status*
252	Bendigo	P2	CGB.205	City of Greater Bendigo	North Central CMA, DEECA, Parks Vic	Formalise management arrangements Bendigo Creek Levee Stage Three: Construction.	High	3-4 years	Medium	
241	Bendigo	P2	CGB.203	City of Greater Bendigo	North Central CMA, DEECA, Parks Vic, Vic Track	Complete detailed design and construction of Racecourse Creek Levee and formalise ongoing management and maintenance arrangements.	High	1-2 years	High	
205	Bendigo	P2	CGB.202	City of Greater Bendigo	North Central CMA, DEECA, Parks Vic	Formalise management arrangements for the constructed (lined) section of Bendigo Creek.		✓		
206	Buloke	P2	B.201	Buloke Shire	North Central CMA	Determine community support and financial viability for constructing Charlton flood mitigation levee treatments and associated works (this may include improvements to town drainage to ensure the integrity of the levees).		✓		
239	Buloke	P2	B.203	Buloke Shire	North Central CMA	Investigate and design works to reduce the risk and frequency of flooding in Charlton including reinstating natural flow paths to the east of Charlton.	Medium	1-2 years	High	
240	Buloke	P2	B.204	Buloke Shire	North Central CMA	Construct community supported works to reduce the risk/frequency of flooding in Charlton.	High	3-4 years	Medium	
242	Buloke	P2	B.205	Buloke Shire	North Central CMA	Develop a waterway management plan for the Lower Avoca River.	Low	3-4 years	Medium	
247	Buloke	P2	B.206	Buloke Shire	North Central CMA	Upgrade Donald Levee to include demountable sections on Donald Levee to replace the existing earthen fill sections.	High	1-2 years	High	
208	Campaspe	P2	C.201	North Central CMA	Campaspe Shire, Gannawarra Shire	Investigate the future of the Torrumbarry levees and define permitted works and ongoing management arrangements.	Medium	1-2 years	High	✗
209	Campaspe	P2	C.202	Campaspe Shire	North Central CMA	Undertake feasibility assessment for identified flood mitigation works at Rochester as per Rochester Flood Management Plan 2013.		✓		

Regional Priority 2:				Construct new flood mitigation infrastructure; resolving ownership and maintenance accountabilities; and improving floodplain function.						
Unique ID	Region	Regional Priority	RFMS ID	Lead Agency	Supporting Agency	Action	Cost*	Expected completion	Priority	Status^
210	Campaspe	P2	C.203	Campaspe Shire	North Central CMA	Invest in mobile pumps for flood water management.	Medium	1-2 years	High	✘
211	Campaspe	P2	C.204	Campaspe Shire	North Central CMA	Upgrade flood valves around Echuca and Rochester to an automated system.	Medium	1-2 years	High	✘
213	Central Goldfields	P2	CG.202	Central Goldfields Shire	North Central CMA	Undertake ongoing management of drains through Carisbrook.	✓ and now business as usual			
214	Central Goldfields	P2	CG.203	Central Goldfields Shire	North Central CMA, DEECA	Develop an agreed waterway management plan for the urban area of Carisbrook.	✓			
215	Central Goldfields	P2	CG.204	Central Goldfields Shire	North Central CMA	Complete implementation of flood mitigation works at Carisbrook. This includes: (1) western floodway and levee to divert overland flows to the west of the township, (2) a smaller levee near Williams Road to divert additional overland flow into McCallums Creek, and (3) a non-return valve on culverts under Landrigan Rd near Camp St.	High	1-2 years	High	▶
216	Central Goldfields	P2	CG.205	Central Goldfields Shire	North Central CMA	Design and construct priority flood mitigation works as per Dunolly Flood Investigation 2014.	✓			
217	Gannawarra	P2	G.201	Gannawarra Shire	North Central CMA	Design and construct priority flood mitigation works as outlined in the Quambatook Flood Management Plan 2013.	✓			
219	Gannawarra	P2	G.203	North Central CMA	Gannawarra Shire	Investigate community's desire and willingness for ongoing management of levees along the Murray River, Pyramid Creek, Gunbower Forest and Loddon River. Implement ongoing management arrangements.	Medium	3-4 years	Medium	✘
243	Gannawarra	P2	G.204	Gannawarra Shire	North Central CMA	Complete design and construction of Koondrook levee upgrade.	High	1-2 years	High	🔄
246	Gannawarra	P2	G.205	Gannawarra Shire	North Central CMA	Investigate mitigation options for Golf Links Estate Cohuna.	Medium	3-4 years	Medium	🔄

Regional Priority 2:				Construct new flood mitigation infrastructure; resolving ownership and maintenance accountabilities; and improving floodplain function.						
Unique ID	Region	Regional Priority	RFMS ID	Lead Agency	Supporting Agency	Action	Cost*	Expected completion	Priority	Status^
248	Gannawarra	P2	G.206	Gannawarra Shire	DTP	Undertake an investigation into the potential flood mitigation benefit of a low level weir on the Loddon River to divert water around Kerang via a third bridge over the Murray Valley Highway.	Medium	3-4 years	Medium	
220	Hepburn	P2	H.201	Hepburn Shire	North Central CMA	Undertake further investigations into the local drainage issues and potential stormwater mitigation works for Clunes.	Low	3-4 years	Medium	✗
221	Hepburn	P2	H.202	Hepburn Shire	North Central CMA	Undertake a detailed investigation into drainage issues in Creswick.	Medium	3-4 years	Medium	✗
222	Hepburn	P2	H.203	Hepburn Shire	North Central CMA	Undertake ongoing management of drains through Creswick and Clunes.	Low	Ongoing - as required	High	✗
223	Hepburn	P2	H.204	Hepburn Shire	North Central CMA	Review of Clunes Flood Mitigation and Urban Drainage Plan. Further investigate and provide opportunity for the community to comment on levee options.	Medium	1-2 years	High	✗
224	Hepburn	P2	H.205	Hepburn Shire	North Central CMA	Develop a levee management system (maintenance plan) for the Creswick levees and associated drainage infrastructure.	Low	1-2 years	High	▶
225	Loddon	P2	L.201	North Central CMA	Loddon Shire	Review Serpentine to Boort floodplain Management Plan, including an extension of the plan to include floodways and road crossings in the Yando area, and to include a review of the impacts of changes to the Flume Creek bridge on Boort-Pyramid Road (near Durham Ox).	Medium	4+ years	Low	✗
226	Loddon	P2	L.202	Loddon Shire	North Central CMA	Investigate protection of old Inglewood Reservoir.	✓			

Regional Priority 2:				Construct new flood mitigation infrastructure; resolving ownership and maintenance accountabilities; and improving floodplain function.						
Unique ID	Region	Regional Priority	RFMS ID	Lead Agency	Supporting Agency	Action	Cost*	Expected completion	Priority	Status*
227	Loddon	P2	L.203	Loddon Shire	North Central CMA	Construct mitigation works at Pyramid Hill.	High	3-4 years	Medium	▶
228	Loddon	P2	L.204	Loddon Shire	North Central CMA	Construct mitigation works at Serpentine.	High	4+ years	Low	✘
229	Loddon	P2	L.205	Loddon Shire	North Central CMA	Construct mitigation works at Boort.	High	1-2 years	High	▶
249	Loddon	P2	L.206	Loddon Shire	North Central CMA	Implement recommended mitigation options from Korong Vale Flood Study.	High	3-4 years	Medium	📄
230	Macedon Ranges	P2	MR.201	Macedon Ranges Shire	North Central CMA	Develop a levee management system (maintenance plan) for the Woodend levee.	Low	1-2 years	High	✘
231	Macedon Ranges	P2	MR.202	Macedon Ranges Shire	North Central CMA	Complete construction of Woodend Detention dam.	✓			
232	Mount Alexander	P2	MAS.201	Mount Alexander Shire	North Central CMA	Implement recommended mitigation options of Castlemaine, Campbells Creek and Chewton flood Management Plan (levees and minor creek improvement works).	High	1-2 years	High	▶
233	Mount Alexander	P2	MAS.202	Mount Alexander Shire	North Central CMA	Upgrade and resolve ownership and maintenance arrangements for Newstead levee.	High	1-2 years	High	✘
241	Mount Alexander	P2	MAS.203	Mount Alexander Shire	North Central CMA	Upgrade and resolve ownership, management and maintenance arrangements for gates and pumps associated with the Newstead levee.	Medium	1-2 years	High	📄
234	Northern Grampians	P2	NG.201	Northern Grampians Shire	North Central CMA	Implement recommended mitigation options from St Arnaud Flood Study.	High	1-2 years	High	▶

Regional Priority 2:				Construct new flood mitigation infrastructure; resolving ownership and maintenance accountabilities; and improving floodplain function.						
Unique ID	Region	Regional Priority	RFMS ID	Lead Agency	Supporting Agency	Action	Cost*	Expected completion	Priority	Status*
236	Northern Grampians	P2	NG.203	North Central CMA	Northern Grampians Shire	Investigate reconnecting natural flood flows to Lake Batyo Catyo.	Medium	1-2 years	High	▶
237	Swan Hill	P2	SH.201	North Central CMA	Swan Hill Rural City	Investigate community's desire and willingness for ongoing management of Pental Island levees and Pental Island floodway. Implement ongoing management arrangements.	Medium	1-2 years	High	▶
238	Swan Hill	P2	SH.202	North Central CMA	Swan Hill Rural City, GMW	Investigate community's desire and willingness for ongoing management of Little Murray River levees, Tyntynder Flats levees, Avoca Floodway and Avoca Outfall. Implement ongoing management arrangements.	Medium	3-4 years	Medium	✘

Regional Priority 3:				Address gaps in flood knowledge through flood mapping projects						
Unique ID	Region	Regional Priority	RFMS ID	Lead Agency	Supporting Agency	Action	Cost*	Expected completion	Priority	Status*
301	Regional	P3	R.301	DEECA	North Central CMA	Complete regional flood mapping for Lower Loddon and Lower Avoca.	Medium	1-2 years	High	▶
303	Bendigo	P3	CGB.301	City of Greater Bendigo	North Central CMA	Undertake a flood mitigation study for the Bendigo urban area.				✓
304	Bendigo	P3	CGB.302	City of Greater Bendigo	North Central CMA	Undertake a high-level gap analysis of rural flood mapping in City of Greater Bendigo region.	Low	4+ years	Low	✘
305	Bendigo	P3	CGB.303	City of Greater Bendigo	North Central CMA	Undertake a rapid flood risk assessment for Redesdale.				✓

Regional Priority 3: Address gaps in flood knowledge through flood mapping projects				Address gaps in flood knowledge through flood mapping projects						
Unique ID	Region	Regional Priority	RFMS ID	Lead Agency	Supporting Agency	Action	Cost*	Expected completion	Priority	Status*
306	Bendigo	P3	CGB.304	City of Greater Bendigo	North Central CMA	Undertake a flood mitigation study for the Bendigo urban area.	Medium	4+ years	Low	▶
307	Bendigo	P3	CGB.305	City of Greater Bendigo	North Central CMA	Undertake a flood mitigation study for the Kangaroo Flat/Golden Square area, considering climate change scenarios (when available) and revised Australian Rainfall and Runoff guidance. The study will consider best practice advocated by Australian Rainfall and Runoff, and any updated information from CSIRO or other agencies to improve regional estimates of climate change impacts.		✓		
308	Bendigo	P3	CGB.306	City of Greater Bendigo	North Central CMA	Future review of the Bendigo Urban Flood Study to consider climate change scenarios (when available) and revised Australian Rainfall and Runoff guidance. The review will consider best practice advocated by Australian Rainfall and Runoff, and (updated) information from CSIRO or other agencies to improved regional estimates of climate change impacts.		✓		
309	Bendigo	P3	CGB.307	City of Greater Bendigo	North Central CMA	Undertake a flood study for Marong.		✓		
366	Bendigo	P3	CGB.308	City of Greater Bendigo	North Central CMA	Heathcote Flood Study update.	Medium	3-4 years	Medium	🔄
370	Bendigo	P3	CGB.309	North Central CMA	North Central CMA	Undertake shire based regional mapping for areas not currently mapped.	Medium	3-4 years	Medium	🔄
313	Buloke	P3	B.304	Buloke Shire	North Central CMA	Undertake a flood study, including irrigation channel and informal levees, for Tyrrell Creek.		✓		
314	Buloke	P3	B.305	Buloke Shire	North Central CMA	Undertake a flood study, including irrigation channel and informal levees, for Lalbert Creek.		✓		





Regional Priority 3:				Address gaps in flood knowledge through flood mapping projects						
Unique ID	Region	Regional Priority	RFMS ID	Lead Agency	Supporting Agency	Action	Cost*	Expected completion	Priority	Status*
316	Buloke	P3	B.307	Buloke Shire	North Central CMA	Undertake a flood study, including irrigation channel and informal levees, for Mosquito Creek/North-East floodplains Stream.				✓
362	Buloke	P3	B.309	Buloke Shire	Buloke Shire	Undertake Shire wide flood modelling project that includes: <ul style="list-style-type: none"> Regional mapping for priority areas not currently mapped. Update of detailed flood modelling for Chariton and Donald. Detailed flood mapping for Wycheproof. Investigation into the impact of channel decommissioning. 	High	1-2 years	High	
318	Campaspe	P3	C.301	Campaspe Shire	North Central CMA	Undertake a flood study for Echuca and Torrumbarry, include calibration with October 2022 flood event.	Medium	1-2 years	High	
320	Campaspe	P3	C.303	Campaspe Shire	North Central CMA	Conduct a rapid flood risk assessment for the area between the Campaspe River and Mt Hope Creek north of Rochester to the Murray River.	Medium	3-4 years	Medium	
321	Campaspe	P3	C.304	North Central CMA	Campaspe Shire	Conduct a rapid flood risk assessment for Axe Creek and Campaspe River downstream of Lake Eppalock to Rochester, and including Mt Pleasant Creek and the townships of Axedale and Elmore.	Medium	1-2 years	High	
364	Campaspe	P3	C.305	Campaspe Shire	North Central CMA	Rochester Flood Management Plan update.	High	1-2 years	High	
375	Campaspe	P3	C.306	North Central CMA	North Central CMA	Undertake shire based regional mapping for areas not currently mapped.	Medium	4+ years	Low	
323	Central Goldfields	P3	CG.301	Central Goldfields Shire	North Central CMA	Undertake flood study for Maryborough.	Medium	1-2 years	High	
324	Central Goldfields	P3	CG.302	Central Goldfields Shire	North Central CMA	Undertake a rapid flood risk assessment across whole of Central Goldfields Shire to determine priorities for new mapping projects.	Medium	1-2 years	High	









Regional Priority 3:				Address gaps in flood knowledge through flood mapping projects						
Unique ID	Region	Regional Priority	RFMS ID	Lead Agency	Supporting Agency	Action	Cost*	Expected completion	Priority	Status*
325	Central Goldfields	P3	CG.303	Central Goldfields Shire	North Central CMA	Undertake a rapid flood risk assessment for Bealiba.		✓		
326	Central Goldfields	P3	CG.304	Central Goldfields Shire	North Central CMA	Undertake a rapid flood risk assessment for Timor-Bowenvale.		✓		
365	Central Goldfields	P3	CG.305	Central Goldfields Shire	North Central CMA	Carisbrook Flood Study update.	Medium	3-4 years	Medium	🔄
376	Central Goldfields	P3	CG.306	Central Goldfields Shire	North Central CMA	Dunolly Flood Study update.	Medium	4+ years	Low	🔄
327	Gannawarra	P3	G.301	Gannawarra Shire	North Central CMA	Undertake a study on protection provided by Koondrook Township levee.		✓		
328	Gannawarra	P3	G.302	Gannawarra Shire	North Central CMA	Investigate opportunity to produce Murray Flood Plan in partnership with NSW Office of Environment and Heritage and Murray River Council.	Medium	3-4 years	Medium	✗
369	Gannawarra	P3	G.303	Gannawarra Shire	North Central CMA	Gannawarra Shire Flood Modelling Project <ul style="list-style-type: none"> Detailed flood modelling for Cohuna and updated modelling for Quambatook. Regional mapping for priority areas not currently mapped. Investigation into the impact of channel decommissioning and other infrastructure. 	High	3-4 years	Medium	🔄
330	Hepburn	P3	H.301	Hepburn Shire	North Central CMA	Undertake flood study of Coomoora.		✓		
331	Hepburn	P3	H.302	Hepburn Shire	North Central CMA	Undertake a rapid flood risk assessment for Daylesford/Hepburn Springs.		✓		
332	Hepburn	P3	H.303	Hepburn Shire	North Central CMA	Undertake a rapid flood risk assessment for Newlyn North and Smeaton.		✓		
333	Hepburn	P3	H.304	Hepburn Shire	North Central CMA	Undertake a rapid flood risk assessment for Trentham.	Medium	3-4 years	Medium	▶

Regional Priority 3:				Address gaps in flood knowledge through flood mapping projects						
Unique ID	Region	Regional Priority	RFMS ID	Lead Agency	Supporting Agency	Action	Cost*	Expected completion	Priority	Status*
367	Hepburn	P3	H.305	Hepburn Shire	North Central CMA	Clunes Flood Study update.	Medium	3-4 years	Medium	
373	Hepburn	P3	H.306	North Central CMA	North Central CMA	Undertake shire based regional mapping for areas not currently mapped.	Medium	3-4 years	Medium	
377	Hepburn	P3	H.307	Hepburn Shire	North Central CMA	Undertake a flood study for Trentham.	Medium	4+ years	Low	
336	Loddon	P3	L.303	Loddon Shire	North Central CMA	Undertake a rapid flood risk assessment for Korong Vale.	✓			
338	Loddon	P3	L.305	Loddon Shire	North Central CMA	Undertake a rapid flood risk assessment for Tarnagulla.	Low	4+ years	Low	
362	Loddon	P3	L.306	Loddon Shire	North Central CMA	Undertake a detailed flood study for Korong Vale.	Medium	1-2 years	High	
363	Loddon & Gannawarra	P3	L.307	Loddon Shire & Gannawarra Shire	North Central CMA	Loddon and Gannawarra Shire Flood Modelling Project <ul style="list-style-type: none"> Detailed flood modelling for Pyramid Creek, Wedderburn, and Boort. Detailed flood modelling for the Barr Creek. Regional mapping for priority areas not currently mapped. Investigation into the impact of historical infrastructure on floodplain 	High	3-4 years	Medium	
378	Loddon	P3	L.308	Loddon Shire	North Central CMA	Undertake a flood study for Inglewood.	Medium	4+ years	Low	
339	Macedon Ranges	P3	MR.301	North Central CMA	Macedon Ranges Shire	Undertake a flood study for Kyneton.	✓			
341	Macedon Ranges	P3	MR.303	Macedon Ranges Shire	North Central CMA	Undertake flood study for urban waterways in Woodend and investigate if a flood warning system is warranted.	Medium	1-2 years	High	
374	Macedon Ranges	P3	MR.304	North Central CMA	North Central CMA	Undertake shire based regional mapping for areas not currently mapped.	Medium	4+ years	Low	



Regional Priority 3:				Address gaps in flood knowledge through flood mapping projects						
Unique ID	Region	Regional Priority	RFMS ID	Lead Agency	Supporting Agency	Action	Cost*	Expected completion	Priority	Status*
342	Mitchell Shire	P3	M.301	Mitchell Shire	North Central CMA	Undertake rapid flood risk assessment of the North Central CMA region to determine flood risk.		✓		
343	Mount Alexander	P3	MAS.301	Mount Alexander Shire	North Central CMA	Undertake a flood study for Newstead.	Medium	1-2 years	High	✗
344	Mount Alexander	P3	MAS.302	Mount Alexander Shire	North Central CMA	Undertake a flood study for Harcourt.	Medium	3-4 years	Medium	▷
345	Mount Alexander	P3	MAS.303	Mount Alexander Shire	North Central CMA	Undertake a flood study for Muckleford Creek.	Low	1-2 years	High	▷
346	Mount Alexander	P3	MAS.304	Mount Alexander Shire	North Central CMA	Undertake a flood study for Campbells Creek (rural).	Low	1-2 years	High	▷
347	Mount Alexander	P3	MAS.305	Mount Alexander Shire	North Central CMA	Undertake a rapid flood risk assessment for Sutton Grange.	Low	1-2 years	High	▷
348	Mount Alexander	P3	MAS.306	North Central CMA	Mount Alexander Shire	Undertake a rapid flood risk assessment for Baringhup. Update to include October 2022 flood data.	Low	4+ years	Low	▷
350	Mount Alexander	P3	MAS.308	Mount Alexander Shire	North Central CMA	Undertake a rapid flood risk assessment for Guildford.		✓		
351	Mount Alexander	P3	MAS.309	Mount Alexander Shire	North Central CMA	Undertake a rapid flood risk assessment for Taradale.	Low	1-2 years	High	▷
352	Mount Alexander	P3	MAS.310	Mount Alexander Shire	North Central CMA	Undertake a rapid flood risk assessment for Metcalfe.		✓		
371	Mount Alexander	P3	MAS.311	North Central CMA	North Central CMA	Undertake shire based regional mapping for areas not currently mapped.	Medium	3-4 years	Medium	✗

Regional Priority 3:				Address gaps in flood knowledge through flood mapping projects						
Unique ID	Region	Regional Priority	RFMS ID	Lead Agency	Supporting Agency	Action	Cost*	Expected completion	Priority	Status*
353	Northern Grampians	P3	NG.301	Northern Grampians Shire	North Central CMA	Undertake a flood study for Mamoo.	Medium	4+ years	Low	▶
354	Northern Grampians	P3	NG.302	Northern Grampians Shire	North Central CMA	Undertake a flood study for St Arnaud.	✓			
355	Northern Grampians	P3	NG.303	Northern Grampians Shire	North Central CMA	Undertake a flood study for the Richardson River and Avon River upstream of Donald.	Medium	3-4 years	Medium	✘
372	Northern Grampians	P3	NG.305	North Central CMA	North Central CMA	Undertake shire based regional mapping for areas not currently mapped.	Medium	3-4 years	Medium	⊞
357	Pyrenees	P3	P.301	Pyrenees Shire	North Central CMA	Undertake a rapid flood risk assessment of Lexton.	✓			
358	Pyrenees	P3	P.302	Pyrenees Shire	North Central CMA	Undertake a flood management plan for Lexton.	Medium	1-2 years	High	✘
359	Pyrenees	P3	P.303	Pyrenees Shire	North Central CMA	Undertake a flood study of the Upper Avoca River to inform flood intelligence and planning scheme maps for Amphitheatre, Avoca and Natte Yallock and the rural areas in between, and potential flood mitigation for Avoca recreation Reserve.	✓			
360	Pyrenees	P3	P.304	Pyrenees Shire	North Central CMA	Undertake a flood study for Waubra.	✓			
368	Swan Hill	P3	SH.302	North Central CMA	Swan Hill Rural City	Swan Hill Flood Study (to include Murrabit and levee breach scenarios for Pentall Island and Tyntynder).	High	3-4 years	Medium	⊞
361	Swan Hill	P3	SH.301	Swan Hill Rural City	North Central CMA, Mallee CMA	Review flood mapping in Woorinen area.	Medium	3-4 years	Medium	✘

Regional Priority 4:				Improve preparedness for flood emergencies						
Unique ID	Region	Regional Priority	RFMS ID	Lead Agency	Supporting Agency	Action	Cost*	Expected completion	Priority	Status*
410	Regional	P4	R.410	LGAs	North Central CMA, VICSES, DTP	Install road signage at priority locations with known flood risk that enable more efficient closure (and reopening) of arterial roads and major local roads.	Medium	3-4 years	Medium	X
411	Regional	P4	R.411	North Central CMA	LGAs	Undertake discussions with neighbouring councils for cost-sharing arrangements for flood warning infrastructure.	✓			
440	Regional	P4	R.409	VICSES	North Central CMA, LGAs	Prepare a plan and deliver operational readiness training/exercising regularly (in accordance with VICSES KPIs) for all priority areas that incorporate MFEP in operational response (in Incident Control Centres or at other tiers as required).	Low	1-2 years	High	
441	Regional	P4	R.410	VICSES	North Central CMA, LGAs	Develop standardised community messaging tailored for relevant towns/communities with known impacts for various AEPS and include in all MFEPs.	Low	1-2 years	High	
442	Regional	P4	R.411	VICSES	North Central CMA, LGAs	Structured engagement with all high flood risk towns and/or flood affected communities, identify needs, and deliver relevant awareness products. This may include installing community signs, gauge boards or community led response plans.	Medium	1-2 years	High	
443	Regional	P4	R.413	VICSES	North Central CMA, LGAs	Review all Municipal Flood Emergency Plans across the region to incorporate learnings from previous events and with consideration of all currently available flood intelligence. Proactively consult Traditional Owners when updating MFEPs to assist in identifying any risks to cultural heritage and further opportunities for engagement. Following initial Review of MFEPs continue to review as part of a three-year cycle or following a major flood.	Medium	1-2 years	High	

Regional Priority 4:				Improve preparedness for flood emergencies						
Unique ID	Region	Regional Priority	RFMS ID	Lead Agency	Supporting Agency	Action	Cost*	Expected completion	Priority	Status*
444	Regional	P4	R.414	VICSES	North Central CMA, LGAs	Update all existing Local Flood Guides in the region.	Medium	1-2 years	High	
445	Regional	P4	R.415	VICSES	North Central CMA, LGAs	Identify locations requiring new LFGs and develop as required.	Medium	1-2 years	High	
446	Regional	P4	R.416	VICSES	North Central CMA, LGAs	Implement regular review of Local Flood Guides across the region as part of a three-year cycle or following a major flood and update to incorporate learnings from previous events and all currently available flood intelligence.	Medium	3-4 years	High	
447	Regional	P4	R.417	VICSES	North Central CMA, LGAs	Capture existing informal and formal community flood observer networks or individuals and identify new observers where necessary for relevant LGAs. Ensure details are captured in MFEP (appendix not for public distribution) and new personnel are inducted using the new multiagency/community-based Field Observer role. Provide regular opportunities for professional development, collaboration, and group discussion (place-based).	Low	1-2 years	High	
412	Bendigo	P4	CGB.401	North Central CMA	VICSES, City of Greater Bendigo	Investigate a local flash flood warning system for Bendigo Creek.	Low	1-2 years	High	
414	Bendigo	P4	CGB.403	North Central CMA	City of Greater Bendigo	Review flood class levels for Redesdale.				
415	Buloke	P4	B.401	Buloke Shire	VICSES	Install gauge board within Donald township (e.g., at Bullocks head or Sunraysia Highway).				
416	Buloke	P4	B.402	Buloke Shire	BoM, DEECA, North Central CMA, VICSES	Update flood warning prediction services Charlton and Donald, Coonooer Bridge and Culgoa.				

Regional Priority 4:				Improve preparedness for flood emergencies						
Unique ID	Region	Regional Priority	RFMS ID	Lead Agency	Supporting Agency	Action	Cost*	Expected completion	Priority	Status*
417	Buloke	P4	B.403	North Central CMA	BOM, DEECA, VICSES, Buloke Shire	Investigate improvements to flood warning for Coonooer Bridge and Culgoa.		✓		
419	Campaspe	P4	C.402	North Central CMA	VICSES, Campaspe Shire	Staged implementation of a flood warning system for Rochester.		✓		
420	Campaspe	P4	C.403	North Central CMA	BoM	Review flood class levels for Campaspe River at Echuca.	Medium	1-2 years	High	✗
421	Campaspe	P4	C.404	North Central CMA	BOM, DEECA, VICSES, Campaspe Shire	Investigate the possibility of a flood warning prediction service for the Campaspe River at Echuca.	Medium	1-2 years	High	✗
422	Campaspe	P4	C.405	BOM	VICSES, DEECA, North Central CMA, Campaspe Shire	Update flood forecasting service for Echuca upon completion of the Echuca Flood Study.	Medium	1-2 years	High	✗
423	Central Goldfields	P4	CG.401	North Central CMA	Central Goldfields Shire, VICSES, BOM, DEECA	Investigate the possibility of a flood warning prediction service for Carisbrook.	Low	1-2 years	High	▶
425	Central Goldfields	P4	CG.403	Central Goldfields Shire	VICSES, North Central CMA	Installation of a gauge board within Dunolly township.		✓		
426	Gannawarra	P4	G.401	North Central CMA	Gannawarra Shire, Loddon Shire	Investigate the benefits of a streamflow gauge at Durham Ox.		✓		
427	Gannawarra	P4	G.402	VICSES	Gannawarra Shire	Flood intelligence from Quambatook flood study to be incorporated into MFEP.		✓		
431	Gannawarra	P4	G.406	North Central CMA	Gannawarra Shire, VICSES, GMW	Investigate options for the management of flood flows through the Kerang Lakes and Ghow Swamp to inform management actions during flood events.	Medium	1-2 years	High	✗

Regional Priority 4:				Improve preparedness for flood emergencies						
Unique ID	Region	Regional Priority	RFMS ID	Lead Agency	Supporting Agency	Action	Cost*	Expected completion	Priority	Status*
432	Hepburn	P4	H.401	Hepburn Shire	North Central CMA	Installation of gauge board upstream of the Water Street bridge to assist in future flood warning for Creswick.		✓		
433	Loddon	P4	L.401	VICSES	Loddon Shire, North Central CMA	Develop Municipal Flood Emergency Plan for Loddon Shire (including flood intelligence from Bridgewater Flood Management Plan and the operational rules for Lake Boort and Lake Lyndger).		✓		
435	Macedon Ranges	P4	MR.401	Melbourne Water	Macedon Ranges Shire, North Central CMA	Review and update the Flood Management Plan for Macedon Ranges, Melbourne Water and North Central CMA (June 2013).		✓		
448	Mount Alexander	P4	MAS.402	Mount Alexander Shire	North Central CMA	Installation of staff gauges near bridge and low roads for community information.	Low	3-4 years	Medium	
449	Regional	P4	R.418	North Central CMA	LGA, VICSES	Loddon Catchment - review of total flood warning system to identify gaps and make recommendations for future opportunities.	Medium	1-2 years	High	
450	Regional	P4	R.419	North Central CMA	LGA, VICSES	Avoca Catchment - review of total flood warning system to identify gaps and make recommendations for future opportunities.	Medium	1-2 years	High	
451	Regional	P4	R.420	North Central CMA	LGA, VICSES	Campaspe Catchment - review of total flood warning system to identify gaps and make recommendations for future opportunities.	Medium	3-4 years	Medium	
452	Regional	P4	R.421	North Central CMA	LGA, VICSES	Avon Richardson Catchment - review of total flood warning system to identify gaps and make recommendations for future opportunities.	Medium	3-4 years	Medium	
453	Regional	P4	R.422	North Central CMA	VICSES	Provide updates to Flood Eye to link flooding to floor levels at the following locations: <ul style="list-style-type: none"> • Bridgewater • Carisbrook* • Quambatook • Echuca • Creswick* 	Medium	1-2 years	High	

Regional Priority 5:				Educate agencies and individuals on the roles and responsibilities in floodplain management						
Unique ID	Region	Regional Priority	RFMS ID	Lead Agency	Supporting Agency	Action	Cost*	Expected completion	Priority	Status*
501	Regional	P5	R.501	North Central CMA	LGAs, VICSES, Water Corps	Develop communication plan and promotional material for the education of LGAs, authorities and individuals on floodplain and waterway management policies, accountabilities, and actions.		✓ Now business as usual		

Regional Priority 6:				Incorporate Traditional Owner knowledge into floodplain management						
Unique ID	Region	Regional Priority	RFMS ID	Lead Agency	Supporting Agency	Action	Cost*	Expected completion	Priority	Status*
601	Regional	P6	R.601	VICSES	LGAs, North Central CMA	Incorporate Traditional Owner knowledge into Municipal Flood Emergency Management Plans.	Medium	1-2 years	High	✗
602	Regional	P6	R.602	North Central CMA	VICSES	Develop regional guidelines for how to include Traditional Owner interests and knowledge into flood emergency and planning response.	Medium	1-2 years	High	✗

Regional Priority 7:				Create a Flood-Resilient Transport Network						
Unique ID	Region	Regional Priority	RFMS ID	Lead Agency	Supporting Agency	Action	Cost*	Expected completion	Priority	Status*
701	Regional	P7	R.701	DTP	LGAs	Identify key transport routes between townships to determine priorities for road upgrades.	Medium	1-2 years	High	✗
702	Buloke	P7	B.701	DTP	Buloke Shire	Construct major culvert at Calder Highway floodway over Yeungroon Creek.	High	3-4 years	Medium	✗
703	Central Goldfields	P7	CG.701	Central Goldfields Shire	DTP	Upgrade London Bridge in Talbot.	High	4+ years	Low	✗

Regional Priority 7:				Create a Flood-Resilient Transport Network						
Unique ID	Region	Regional Priority	RFMS ID	Lead Agency	Supporting Agency	Action	Cost*	Expected completion	Priority	Status^
704	Central Goldfields	P7	CG.702	Central Goldfields Shire	DTP	Upgrade Vinecombes Ford.	High	4+ years	Low	✘
705	Central Goldfields	P7	CG.703	Central Goldfields Shire	DTP	Consider elevating bridges to provide access during a major flood event for any future bridge upgrades at Dunolly.	High	4+ years	Low	✘
706	Central Goldfields	P7	CG.704	Central Goldfields Shire	DTP	Replace highway bridge with a clear-span structure when bridge is due for replacement (or when funding becomes available) for Carisbrook.	High	4+ years	Low	✘
707	Mount Alexander	P7	MAS.701	DTP	DTP	Investigate options for Pyrenees and Midland Highway floodways (multiple sites).	Medium	3-4 years	Medium	✘
708	Mount Alexander	P7	MAS.702	Mount Alexander Shire	DTP	Investigate broader project to assess economic impacts of road closures across the shire.	Medium	3-4 years	Medium	✘
709	Mount Alexander	P7	MAS.703	DTP	Mount Alexander Shire	Develop plan to ensure roads are closed in a timely manner and confirm responsibility for the closures of certain roads.	Low	4+ years	Low	📄
710	Gannawarra	P7	G.701	DTP	Gannawarra Shire	Install a series of culverts under the Murray Valley Highway at Wandella Creek to ensure connectivity is maintained during a flood event.	High	1-2 years	High	📄

*Cost is estimated as follows: Low: <\$50,000, Medium: \$50,000 - \$300,000, High: >\$300,000

Regional Workplan ACRONYMS

- BoM Bureau of Meteorology
- CMA Catchment Management Authority
- DEECA Department of Energy, Environment and Climate Action.
- DTP Department of Transport and Planning
- LGA Local Government Authority
- MFEP Municipal Flood Emergency Plan
- TFWS Total Flood Warning System
- VICSES Victoria State Emergency Service

Status^ Key

✘	Existing priority, not yet started
📄	No longer a priority
▶	Existing priority, in progress
📄	New priority, not yet started
✓	Completed

National Emergency Management Agency Disaster Ready Fund Round Two 2024-2025 Indicative Project Budget Breakdown																				
Project Name		Delivery Timeline		Total Budget (Commonwealth funding & contributions) (\$)	Commonwealth funding sought (\$)	Applicant Co-Contribution		Delivery Partner A1 Co-Contribution		Delivery Partner A2 Co-Contribution		Delivery Partner A3 Co-Contribution		Delivery Partner A4 Co-Contribution		Delivery Partner A5 Co-Contribution		Delivery Partner A6 Co-Contribution		
Number	Site	Description	Anticipated start date	Anticipated end date			Applicant name	Delivery Partner name	Delivery Partner name	Delivery Partner name	Delivery Partner name	Delivery Partner name	Delivery Partner name	Delivery Partner name	Delivery Partner name	Delivery Partner name	Delivery Partner name	Delivery Partner name	Delivery Partner name	
							BULOKÉ SHIRE COUNCIL	NECCAR	ARADAN CARR	DECCA										
							Co-located business status	Co-located business status	Co-located business status	Co-located business status	Co-located business status	Co-located business status	Co-located business status	Co-located business status	Co-located business status	Co-located business status	Co-located business status	Co-located business status	Co-located business status	
							State or territory government entity?	State or territory government entity?	State or territory government entity?	State or territory government entity?	State or territory government entity?	State or territory government entity?	State or territory government entity?	State or territory government entity?	State or territory government entity?	State or territory government entity?	State or territory government entity?	State or territory government entity?	State or territory government entity?	
							Fin	NP	Fin	NP	Fin	NP	Fin	NP	Fin	NP	Fin	NP	Fin	NP
							Financial (\$)	In-kind (\$)	Financial (\$)	In-kind (\$)	Financial (\$)	In-kind (\$)	Financial (\$)	In-kind (\$)	Financial (\$)	In-kind (\$)	Financial (\$)	In-kind (\$)	Financial (\$)	In-kind (\$)
1	Water & Sewer	acquisition of surveying data for sewer line study area	0.1.2024	0.7.2024	\$1,000,000	\$7,200,000	\$0													
2	Project Management	Project management, including daily management, procurement, coordination of project, reporting and community engagement.	0.1.2024	0.1.2027	\$400,000	\$7,300,000	\$2,300,000													
3	Regional Flood Mapping	Engagement of specialist consultants to develop flood maps and flood risk assessment for the study area.	0.2.2023	0.4.2024	\$200,000	\$0	\$10,000	\$10,000												
4	Water and Flood Study	Engagement of specialist consultants to develop flood maps and flood risk assessment for the study area. This includes engagement with MCC & Community.	0.2.2023	0.7.2024	\$600,000	\$0	\$100,000	\$100,000												
5	Climate Risk Study Review	Engagement of specialist consultants to review and update existing flood risk and climate change study for the study area and the local region with new flood data. GMA and climate change assessment. This includes engagement with MCC & Community.	0.7.2027	0.7.2027	\$100,000	\$0	\$100,000	\$100,000												
6	Climate Risk Study Review	Engagement of specialist consultants to review and update existing flood risk and climate change study for the study area and the local region with new flood data. GMA and climate change assessment. This includes engagement with MCC & Community.	0.2.2027	0.1.2027	\$100,000	\$0	\$100,000	\$100,000												
7					\$0															
8					\$0															
9					\$0															
10	Project Support Costs	For level of review, community engagement and support / coordination support			\$10,000					\$10,000	\$10,000									
TOTAL					\$2,510,000	\$1,150,000	\$250,000	\$200,000	\$100,000	\$100,000	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

3.1.2 REGIONAL COMMUNITY SPORTS INFRASTRUCTURE FUND - WYCHEPROOF RECREATION RESERVE MULTI-SPORT FACILITY

Author's Title: Acting Director Infrastructure and Delivery

Department: Infrastructure and Delivery

File No: GS/09/65

Relevance to Council Plan 2021 - 2025

Strategic Objective: Our Built and Natural Environment

PURPOSE

This report is presented to Council to consider the allocation of \$266,486 over FY25 and FY26 Annual Budgets for the purpose of a co-contribution to support an application to the Regional Community Sports Infrastructure Fund Round 1. Subsequently, it is a requirement of the funding program for Council to underwrite any community contribution.

The proposed project to be submitted under the application is the multi-sport facility at the Wycheproof Recreation Reserve.

A further recommendation seeks Council consideration to grant delegation of authority to the Chief Executive Officer to submit an application.

SUMMARY

The Regional Community Sports Infrastructure Fund is a \$2 billion Regional package offered through the Victorian Government as a competitive investment program delivered over 2 rounds for new and upgraded community sports infrastructure.

The Fund aims to support Victorians, particularly those individuals and communities who participate less, to achieve better health, wellbeing, social, and economic outcomes through the construction, programming and activation of community sport and active recreation infrastructure.

The Fund will prioritise proposals in rural and regional Victoria that can demonstrate commitment to the following outcomes:

- provides additional participation opportunities through the development of multi-use community sport and active recreation infrastructure
- increased participation opportunities for people with disability and other individuals and groups who participate less, including socio-economically disadvantaged communities
- provides equitable and inclusive participation opportunities for women and girls in community sport and active recreation
- increased local economic activity
- ensure Victoria has modern, accessible and welcoming places and spaces for sport and active recreation
- providing new active recreation opportunities through the appropriate design and usage of community sport and active recreation infrastructure.

This Report recommends the Council use this funding opportunity to support delivery of a key project within the Wycheproof Recreation Reserve Masterplan.

The accessible multi-sport facility proposed will provide the community with the required modern amenities to support current and future growth of recreation and social connection to the Wycheproof and surrounding district. Existing organised sporting activities including Netball, Hockey, Lawn bowls,

Croquet, Football and Cricket will benefit from amenities that are suited to modern design principles and gender inclusiveness.

The broader community and visitors to the area will realise a host of new opportunities for recreation and connection through use of the facility, with the inclusion of a flexible gymnasium space, kitchen, social areas and public amenities. Connecting walkways, accessible parking and security lighting will complete the project works.

RECOMMENDATION

That Council:

1. Commit \$266,486 over FY25 and FY26 Annual Budgets for the purposes of submitting an application to the Regional Community Sports Infrastructure Fund
2. Delegate authority to the Chief Executive Officer to apply for the Regional Community Sports Infrastructure Fund; and
3. Delegate authority to the Chief Executive Officer to underwrite a community contribution to the effect of \$200,000; and
4. Authorises the Chief Executive Officer to sign the funding agreement on behalf of the Council should the application be successful.

Attachments:	1	WRR Multi Sport Facility
	2	WRR Masterplan Summary

DISCUSSION

The Wycheproof Recreation Reserve and Racecourse Reserve Masterplan 2021-2033 outlines that sport and active recreation plays a major role in the lives of those residing within and visiting the Wycheproof community, providing opportunities for physical fitness, social interaction, enjoyment, and creation of town pride.

The Masterplan established a series of key issues which are relevant to the discussion of this project:

- Ageing infrastructure
- Safety and risk management
- Governance
- Roles and responsibilities
- Rationalisation
- Volunteers
- Parking and Signage

The Masterplan also outlines opportunities identified throughout the process as:

- Increased usage
- Facility improvements
- Environmental sustainability
- Accessibility
- Reduction in cost to deliver sport and active recreation
- Facility development requirements

- Partnership development

As noted within the Masterplan, the majority of built facilities at the Wycheproof Recreation Reserve are in poor to fair condition and do not adequately meet the needs of all current user groups, or the general community, regular users as well as tourists and visitors to the reserve. The opportunity to develop a new multi-sport change facility that incorporates universal design features will:

- Support both existing organised sporting user groups (Netball, Hockey, Bowling, Cricket, Croquet and Football) and their future growth in participation through inclusive and accessible design principles for change room facilities and amenities.
- Drive growth for female participation in sport and recreation by providing appropriate changing facilities and family friendly access and amenities.
- Achieve a variety of benefits associated to shared community spaces and resulting cross-generational volunteer collaboration.
- Allow for the removal of deteriorated infrastructure and drastically alter the physical appearance and presentation of the outdated reserve.
- Compliment the environmental improvements established within the Wetlands area of the reserve and support tourism to this attraction by the provision of public amenities.
- Provide opportunities for increased active recreation and positive ageing activities within the proposed accessible gym facility, amenities, access and outdoor public spaces.

Additional specific issues the project seeks to resolve for established organised sporting clubs within the reserve also include:

- The netball change facilities are inadequate, currently offering 1 toilet facility and 3 showers for the largest female participation base for organised sport within the township, along with the visiting sporting teams also regularly utilising the facility. The change facility and spectator areas as well as the court itself are not accessible.
- The hockey club members do not have change facilities and are forced to access the netball facilities or the public toilet block that is in a state of disrepair, exposed to weather and is not suited to changing.
- The bowling club building does not have a disabled toilet or compliant accessibility.
- The hockey club, netball club and cricket club utilise shipping containers for their storage needs, which present significant barriers for access.
- The ramp leading to the football pavilion does not meet DDA requirements and the away football change rooms are in very poor condition.
- The croquet clubrooms are in a very poor state of repair and need to be completely replaced.
- Growing interest in female participation for football and cricket is not supported within the current facilities due to safety concerns and the child safe policy.

The following recommendations were identified to improve the safety, risk management and overall useability of the reserve:

- Removal of any buildings on site that are no longer structurally sound to reduce the chance of them falling down and injuring reserve users.

The proposed multi-use facility will be positioned in close proximity to the proposed new netball court, bowling green, croquet green and hockey field and carefully considers the accessibility paths, vehicle traffic and safe connections from this new facility to other existing facilities and spaces within the reserve.

The project budget is based on costings obtained for the modular prefabricated building which would include the amenities listed within in the attached concept plan. The total project costings include demolition of existing buildings, tree removal, site prep, drainage, an electrical upgrade, sewer and water connection and footpaths.

RELEVANT LAW

The *Building Act 1993* and regulations, the *National Construction Code 2019* and all other applicable laws and standards will apply to the proposed project, including compliance with the Disability Discrimination Act (DDA).

RELATED COUNCIL DECISIONS

The implementation of the Masterplan has been identified within the Buloke Shire Council Advocacy Strategy 2022-23.

The Multi-Sport Facility has been identified in the FY24 Budget as a capital project which is funding dependant.

OPTIONS

The Council may elect not to pursue this funding opportunity

SUSTAINABILITY IMPLICATIONS

The proposed modular facility will incorporate sustainable designs features including utilising natural lighting and ventilation, high efficiency water fixtures and lighting. The modular building will also enable Council to reuse and recycle any materials in the future.

COMMUNITY ENGAGEMENT

In the preparation of the Masterplan a variety of community engagement sessions were held including:

- Phone calls with 17 user groups and key stakeholders
- 1 user group workshop with 17 attendees
- 2 Council staff workshop with 10 attendees in each
- 2 listening posts with 40 participants
- 1 user group survey filled out by 3 user groups
- 1 community survey filled out by 114 people (on behalf of 258 people)
- 1 meeting with Sport and Recreation Victoria and Regional Development Victoria staff (2 participants)

Since this time, Council has received various requests for updates of progress upon the actions of the Masterplan from community groups.

INNOVATION AND CONTINUOUS IMPROVEMENT

The modular building concept allows for an easily adaptable, recyclable and movable facility if ever required. Participation based sport and recreation has changed considerably over the past 20 years, the opportunities the universal and inclusive design principles apply will ensure that the facility can adapt with a wide range of sports and active recreation at any age or ability.

COLLABORATION

Landowners consent will be required from the Department of Energy, Environment and Climate Action to undertake the proposed works. A planning permit will also be required due to the value of the works and a design and development overlay on the land. These processes will allow community members, regional stakeholders and Traditional Owners the opportunity to give feedback.

Governing bodies of the sporting codes who will utilise the facility and the user groups will be given the opportunity to review the design and confirm their support of the development.

FINANCIAL VIABILITY

The Masterplan seeks to effectively plan the development, management, maintenance and renewal costs associated to the proposed facility upgrades on an ongoing basis. Long term projects such as the

proposal of the multi-sports facility will combine the needs of a majority of the user community groups within the reserve that have previously been operating within individual facilities that are not financially sustainable. The establishment of this multi-use facility rationalises a number of small, unsuitable facilities that incur significant ongoing maintenance and insurance fees.

The total budget forecast for this stage of the project is \$1,466,846 comprising \$1,000,000 funding from the State Government, \$200,000 from the Wycheproof Recreation Reserve Committee and \$266,486 Council Cash. Of Council's contribution, \$150,000 will be dedicated in FY25 and \$116,486 as a contribution in FY26.

It should be noted that any spend committed to through successful funding applications will be subtracted from the available Council funds for capital projects in that financial year. Ongoing maintenance and associated costs contained in Council's operational budget.

REGIONAL, STATE AND NATIONAL PLANS AND POLICIES

Key plans the project takes into consideration:

- Fair Play Code
- Fair Access Roadmap
- Female friendly sport infrastructure guidelines
- Guidelines for Preventing Violence against women
- AFL Central Victoria Facilities Strategy
- Active Victoria
- VicHealth Physical Activity Strategy
- Victorian integrity in sport action plan
- Design for everyone guide

COUNCIL PLANS AND POLICIES

The proposal addresses key elements and actions from the Buloke Shire Inclusiveness Plan whilst also complimenting the outcomes of the Masterplan. The adjoining bowling club membership will support the facility as a multi-use, year round asset in addition to the community access from visitors of the nearby wetlands precinct.

The proposal will allow much greater opportunity for community-based events to promote inclusivity in public open spaces and recreational activity that may be supported through the availability of appropriate facilities.

The proposal demonstrates a collaborative approach between community forum, sporting/recreation-based groups and community members with special needs in order to achieve an outcome with highly beneficial long-term effects for the broader Buloke local government area.

TRANSPARENCY OF COUNCIL DECISIONS

Council has met its transparency obligations by ensuring consultation has been undertaken with relevant stakeholders within the Wycheproof community.

Council officers have engaged with Wyche Alive, Committee members of the Wycheproof Narraport Football, Netball, Hockey Club, Cricket Club, Wycheproof Bowling Club and Croquet clubs to seek support and feedback regarding the project proposal.

If Council resolve to accept the recommendations to access the required Council funds and apply for this Regional Community Sports Infrastructure Fund Round 1, officers will:


- Establish a formal project advisory group for the project; and
- Undertake a proactive media engagement strategy to explain the rationale for Council's decision, the application process, and long-term benefits for the community if successful.

CONFLICTS OF INTEREST

Trevor Rumbold – Acting Manager Assets and Jenna Allan – Acting Director Community Development have declared conflicts of interest due to their positions on Committees of the Wycheproof Narraport Football and Netball Clubs respectively and will complete conflict management plans with Executive Officers.

No other officers involved in the preparation of this report have been required to declare a conflict of interest.

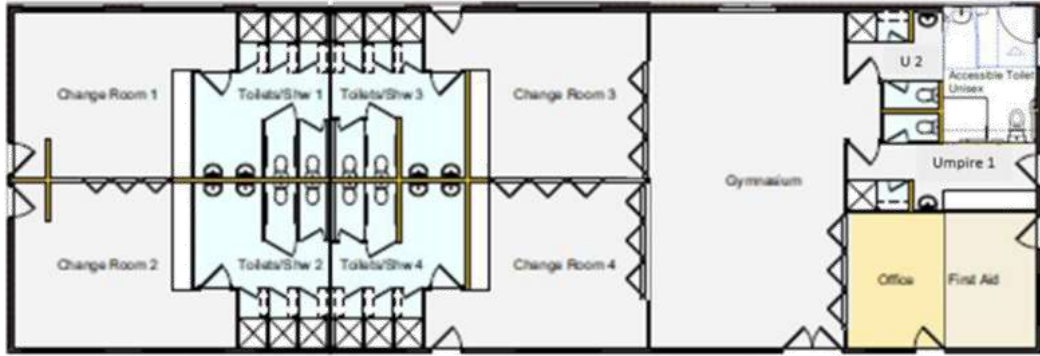
PROJECT BUDGET

 Wycheproof Recreation Reserve Multi-Sport Facility Budget				
Activity Description	2024-25	2025-26	Total	Notes, pricing based on
Multi-Sports Facility				
Tender ready Design			0.00	Council in kind contribution
Power Upgrade	20000.00	21200.00	41200.00	Recent quotes for similar works
Demolition Show & Poultry sheds	20000.00		20000.00	Recent quotes for similar works
Tree removal	7000.00		7000.00	Local contractor day rates
Site Prep inc. Earthworks	10000.00		10000.00	Local contractor day rates
Drainage	15000.00		15000.00	Recent quotes for similar works
Retaining Walls	10000.00		10000.00	Estimate only
Sewer connection prep	20000.00		20000.00	Recent quotes for similar works
Storm water connection prep	10000.00		10000.00	Recent quotes for similar works
Water connection prep	10000.00		10000.00	Recent quotes for similar works
Electrical connection prep	15000.00		15000.00	Recent quotes for similar works
Supply, install and connect Modular Building		1187200.00	1187200.00	Pricing supplied by Auso
Footpaths & spectator areas inc access to croquet			0.00	Recent quotes for similar works
Carpark			0.00	Council in kind contribution
Total	137000.00	1208400.00	1345400.00	
Estimated Total Cost				
	2024-25	2025-26	Total	Notes
Project Cost	137000.00	1208400.00	1345400.00	
Project Management Cost	5480.00	48336.00	53816.00	
Project Contingency	6850.00	60420.00	67270.00	
Total	149330.00	1317156.00	1466486.00	
Council Cash	150000.00	116486.00	266486.00	
Grant - Federal				
Grant State	500000.00	500000.00	1000000.00	
Community Contribution		200000.00	200000.00	Wycheproof Recreation Reserve Committee
Total Source of Funds	650000.00	816486.00	1466486.00	
Recurrent Costs				
Recurrent Income				
Total Cost of Project	650000.00	816486.00	1466486.00	

WYCHEPROOF SITE PLAN



BUILDING 1 GYM & CHANGEROOMS



BUILDING 2: SOCIAL & FUNCTIONS (Note: not included in the SRV funding application)



PROJECT TIMELINE

Name	Description	Start	Finish
Planning		1/01/2024	30/08/2024
Tender ready designs		1/01/2024	27/03/2024
Regulatory Approvals		27/03/2024	31/07/2024
DEECA	Land Owners Consent	27/03/2024	31/07/2024
BSC	Planning Permit	27/03/2024	31/07/2024
SRV funding application		1/01/2024	27/03/2024
SRV funding application decision		27/03/2024	30/08/2024
Preparation Works		2/09/2024	14/04/2025
Receive quotes		2/09/2024	31/10/2024
Power upgrade	contract with Powercor required	31/10/2024	20/12/2024
Demolition		30/11/2024	20/12/2024
Site prep inc. earthworks		13/01/2025	13/02/2025
Drainage		13/02/2025	15/03/2025
Retaining walls		13/02/2025	15/03/2025
Sewer connection prep		15/03/2025	14/04/2025
Water connection prep		15/03/2025	14/04/2025
Electrical connection prep		15/03/2025	14/04/2025
Multi-Sport Facility Procurement		2/09/2024	28/02/2025
Draft RFT	Including request for RFT number	2/09/2024	31/10/2024
Review RFT		4/11/2024	15/11/2024
Advertise RFT		16/11/2024	15/01/2025
Evaluate RFT		16/01/2025	28/01/2025
Award RFT	Finish date is date of council meeting	28/01/2025	12/02/2025
Negotiate & Sign Contract		13/02/2025	28/02/2025
Multi-Sport Facility Construction		3/03/2025	11/04/2026
Building Permit		3/03/2025	2/04/2025
Induct Company & Workers		3/03/2025	10/03/2025
Site Establishment		10/03/2025	17/03/2025
Site Prep		17/03/2025	16/05/2025
offsite building construction		2/04/2025	31/10/2025
onsite Construction Works		31/10/2025	12/03/2026
Defect Resolution		12/03/2026	11/04/2026
Carpark construction		12/03/2026	11/04/2026
Project Closure		11/04/2026	29/05/2026
Grant Acquittal		11/04/2026	29/05/2026
Capitilisation		29/05/2026	30/06/2026

WYCHEPROOF RECREATION AND RACECOURSE RESERVE MASTER PLAN SUMMARY 2021-2033



BULOKE
SHIRE COUNCIL



INTRODUCTION

WHERE IS THE RESERVE?

The Wycheproof Recreation and Racecourse Reserve is located on the Calder Highway in Wycheproof. Not only is the sporting hub of significance to user groups but is also highly valued by the broader community.

WHAT FACILITIES CURRENTLY EXIST AT THE RESERVE?

Football /cricket - A natural turf sports oval with training level lighting, a turf wicket, inground irrigation system, small portable grandstand. Both AFL football and cricket are played on the oval. One multi-purpose 2 storey pavilion featuring change rooms, social facilities, kitchen and bar. Cricket practice wicket with 2 nets

Netball - 2 netball courts with lighting and small clubhouse

Tennis - 12 lawn tennis courts, 2 sand-based synthetic grass tennis courts, lighting and clubhouse

Hockey - 1 hockey field with lights and two shipping containers, player shelters and water tanks

Lawn bowls - 1 lawn bowls facility featuring 2 greens, lights, overhead watering system, player shelters and a clubhouse

Croquet - 1 croquet green, lights, small club house with toilet and water tank, shelter

Swimming pool - 1 25 metre unheated swimming pool, 1 toddler pool, several shade sails and change rooms / kiosk

Golf - 1 18-hole sand scrapes golf course featuring a clubhouse (part of the golf course is inside the racetrack)

Horse racing - 1 racetrack featuring steward's room, bookie facilities, shelter, stables, race calling tower, toilets and bar. Jockeys currently use toilets at golf club

Events - Agricultural show sheds / pavilions (note that the show is no longer operational)

Roadway - Internal roads used by local residents for walking or dog walking.

Public toilets - 2 sets of outdoor public toilets

Caravan park - 1 caravan park (but this is outside the scope of this master plan)



WHO USES THE RESERVE?

Sporting activities such as football, netball, cricket, tennis, hockey, lawn bowls, croquet, golf, and horse racing all take place at the reserve. There are also opportunities for a range of informal non-organised activities such as swimming, play, walking and jogging / running. Although outside the scope of this master plan, there is a caravan park on site too.

WHY IS THIS SITE IMPORTANT TO THE COMMUNITY?

It is recognised that sport and recreation is of significant value to communities – not only for physical activity and health benefits, but for the social connections that can be made through participating, volunteering and spectating. To give sport and recreation the very best chance of surviving and ensuring the community can achieve the benefits that sport and recreation offer, such as improved health and wellbeing and strong social connections, it is important to identify community needs in terms of their desired activities; provide the types of facilities required to enable activities to occur; and support the clubs and organisations that deliver sport and recreation opportunities.

WHY DEVELOP A MASTER PLAN?

A twelve-year strategic master plan has been prepared with input from user groups, Buloke Shire Council, a variety of key stakeholders (government agencies and state sporting association) and the broader community to ensure that Wycheproof Recreation and Racecourse Reserve can continue to cater for the existing needs of its community and the future demands placed upon it. This strategic master plan identifies a number of priorities that the Wycheproof community believes are of critical importance in ensuring sustainability and the continuation of quality sport and active recreation opportunities. The Wycheproof community will use this strategic master plan to guide their decision making in relation to infrastructure developments over the next twelve years.

Buloke Shire, in partnership with Wycheproof Recreation and Racecourse Reserve Committee of Management has therefore developed this strategic master plan in order to identify the key actions that need to occur to ensure that the reserve continues to flourish and meet the sport and active recreation needs of the community both now and in the future.



VISION AND PLANNING PRINCIPLES

WHAT IS THE VISION AND THE PLANNING PRINCIPLES FOR THE RESERVE?

To help guide the future development and management of the Wycheproof Recreation and Racecourse Reserve, a shared vision and planning principles have been developed, utilising information from the staff and user group workshops. These planning principles are as follows:





PLANNING AND ENGAGEMENT

HOW DOES THE MASTER PLAN ALIGN WITH COUNCIL PLANS AND STRATEGIES?

The following Council plans and strategies were assessed, along with various statewide strategic plans, to understand the context in which the reserve exists and any policies or strategies which may impact upon future developments at the site.



HOW DID THE COMMUNITY CONTRIBUTE TO THE MASTER PLAN?

Extensive community consultation took place throughout the duration of this project. The key findings and survey responses are available in the Background Paper. This engagement included:

							
17 phone calls to user groups and key stakeholders	A meeting with a representative of Sport and Recreation Victoria and Regional Development Victoria	A community survey completed by 114 people	A workshop with 10 staff from Buloke Shire Council	A workshop was held with 17 users of the Wycheproof Recreation and Racecourse Reserve	Two community listening posts held in front of the Wycheproof IGA	One community listening post held at the Wycheproof Recreation Reserve	Two written submissions from local residents



ISSUES AND OPPORTUNITIES

WHAT ARE THE KEY ISSUES THAT THE MASTER PLAN ADDRESSES?

A range of issues have been instrumental in the development of this master plan. Some specific issues that acted as key drivers include:

- ageing infrastructure which is nearing the end of its life and therefore requiring strategic decision-making around best investment options over coming years
- desire by Wycheproof Golf Club and Wycheproof Racing Club to redevelop their facilities through increased accessibility and providing change facilities for female jockeys
- questions around the long-term sustainability of some clubs and what this might look like in the future
- potential for club mergers with neighbouring clubs
- lack of compliance with Disability Discrimination Act (DDA) requirements and other relevant standards and guidelines (such as accessible toilets)
- lack of facilities providing female friendly change facilities
- desire to create better linkages with the town and the proposed wetlands area
- expand the diversity of active recreational opportunities available on site
- desire to reduce the burden on volunteers and the cost of delivering sport
- potential safety and risk management issues
- desire to incorporate environmentally sustainable design features at the site
- desire to improve overall functionality and amenity.





WHAT ARE THE KEY ACTIONS AND OPPORTUNITIES INCLUDED IN THE MASTER PLAN?

KEY PRIORITIES OF THE MASTER PLAN INCLUDE:

Legend:	\$	\$\$	\$\$\$	\$\$\$\$	\$\$\$\$\$
	= less than \$50k	= \$50k - \$99k	= \$100k - \$249k	= \$250k - \$499k	= \$500k+
Priorities:	Quick win	High	Medium	Low	
	0-12 months	1-3 years	4-7 years	8 years +	

No.	Action	Lead and partners	Indicative cost	Priority
29	Install an electronic scoreboard on the oval.	Wycheproof – Narraport FNC	\$\$	Quick win
9	Install nets behind football goal posts	Wycheproof – Narraport FNC	\$	Quick win
u 41	Improve governance of WRRR	Buloke Shire Council All user groups	\$0	High
u 42	Identify roles and responsibilities of Buloke Shire Council and user groups	Buloke Shire Council All user groups	\$0	High
3	Undertake improvement works at golf club pavilion: a. Upgrade toilets and develop female jockey change facilities in golf building b. Undertake engagement and potentially develop plans for a shared golf / racing / tennis / community pavilion in 3-5 years' time c. Seek funding in 5+ years' time to develop a shared facility if feasible	a. Lead is Wycheproof Golf Club. Partners are Buloke Shire Council and Mt Wycheproof & District Racing Club b. Lead is Buloke Shire Council. Partners are Wycheproof Golf Club, Mt Wycheproof & District Racing Club, Wycheproof Tennis Club and other existing and potential user groups, e.g. Angling Club c. As above for 'b'.	\$	a. High b. Medium c. Medium low
5	Close entrance near football pavilion and develop new entrance near cricket nets	Buloke Shire Council Wycheproof - Narraport FNC	\$	High
6	Install fence between football oval and caravan park, plant low shrubs and seal roadway.	Buloke Shire Council	\$\$	High



Legend:	\$	\$\$	\$\$\$	\$\$\$\$	\$\$\$\$\$
	= less than \$50k	= \$50k - \$99k	= \$100k - \$249k	= \$250k - \$499k	= \$500k+
Priorities:	Quick win	High	Medium	Low	
	0-12 months	1-3 years	4-7 years	8 years +	

No.	Action	Lead and partners	Indicative cost	Priority
7	Provide water and power for events on / near the oval and near the racecourse reserve and purchase a mobile sound shell / staging	Buloke Shire Council	\$\$	High
8	Replace the reserve ticket box and add storage for the cricket club in the future if required following closure of existing entrance.	Wycheproof - Narraport FNC Wycheproof Cricket Club	\$	Quick win
13 and 14	Support the development of the wetlands plan, including public toilet construction	Buloke Shire Council	Costed separately	High
15	Construct picnic facilities - shelter, BBQ, picnic tables, public art and grassed area	Buloke Shire Council	\$\$\$	High
16	Install walking paths around the reserve	Buloke Shire Council	\$\$\$	High
17	Construct a pump track and skate park	Buloke Shire Council	\$\$\$\$	High
22	Upgrade the kitchen in the football pavilion	Wycheproof - Narraport FNC Buloke Shire Council	\$\$	High
26	Develop a BBQ area in the Green Mill area	Wycheproof - Narraport FNC	\$	High
30	Develop emergency vehicle access	Buloke Shire Council	\$	High
31	Develop a pedestrian-safe zone	Buloke Shire Council	\$	High
33	Construct a nature-based play area	Buloke Shire Council	\$	High
35	Construct a new netball court, lighting and shelters.	Wycheproof - Narraport FNC	\$\$\$\$	High
37	Develop a multi-sport change facility	Buloke Shire Council Netball, football, hockey, bowls and croquet clubs	\$\$\$\$\$	High
38, 39 & 40	Install additional shade for pool lifeguards, buy pool blanket and fix fence	Buloke Shire Council	\$\$	High



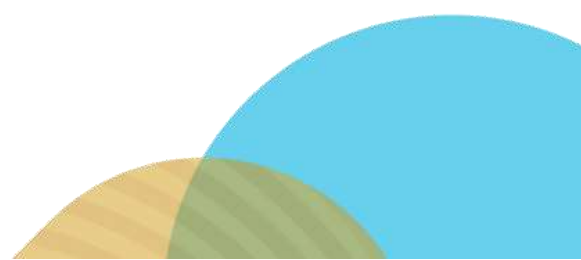
Legend:	\$	\$\$	\$\$\$	\$\$\$\$	\$\$\$\$\$
	= less than \$50k	= \$50k - \$99k	= \$100k - \$249k	= \$250k - \$499k	= \$500k+
Priorities:	Quick win	High	Medium	Low	
	0-12 months	1-3 years	4-7 years	8 years +	

No.	Action	Lead and partners	Indicative cost	Priority
u 43	Potentially employ someone to maintain facilities.	WRRR Committee of Management	\$	Medium
2	Install directional signage on Calder Highway	Buloke Shire Council VicRoads	\$	Quick win
10	Install wayfinding signage in the reserve	Buloke Shire Council	\$	Medium
11	Install interpretive signage	Buloke Shire Council	\$	Medium
12	Install outdoor fitness equipment near the wetlands.	Buloke Shire Council	\$\$	Medium
18	Develop a multi-purpose space	Buloke Shire Council	\$	Medium
19	Construct a fenced off-leash fenced dog park	Buloke Shire Council	\$\$	Medium
20	Demolish the toilet block near the hockey field and construct a storage shed for sports field maintenance equipment.	Buloke Shire Council	\$	Medium
21	Upgrade hockey playing surface, remove shipping containers and construct a basic storage unit with shelter and viewing areas attached.	Wycheproof- Narraport Hockey Club	\$\$\$	Medium
22	Install a shaded viewing area in front of the football pavilion.	Wycheproof - Narraport FNC	\$	Medium
24	Replace the toilet block near the football pavilion with a block of unisex toilets.	Buloke Shire Council	\$\$\$	Medium
25	Install new coaches' boxes next to the oval.	Wycheproof - Narraport FNC	\$	Medium
34	Install lights and shelter on the croquet courts and upgrade one of the courts to A Grade standard.	Wycheproof Croquet Club	\$\$\$	Medium
36	Construct a synthetic bowling green with lights and shelters.	Wycheproof Bowls Club	\$\$\$\$	Medium



Legend:	\$	\$\$	\$\$\$	\$\$\$\$	\$\$\$\$\$
	= less than \$50k	= \$50k - \$99k	= \$100k - \$249k	= \$250k - \$499k	= \$500k+
Priorities:	Quick win	High	Medium	Low	
	0-12 months	1-3 years	4-7 years	8 years +	

No.	Action	Lead and partners	Indicative cost	Priority
4	Construct a storage shed for tennis	Wycheproof Tennis Club	\$	Low
22	Upgrade the bar and cool room in the football pavilion.	Wycheproof – Narraport FNC	\$	Low
22	Modify the football pavilion entrance ramp.	Buloke Shire Council	\$	Low
27	Construct a small covered in grandstand.	Wycheproof – Narraport FNC	\$	Low
28	Resurface football oval.	Wycheproof – Narraport FNC Wycheproof Cricket Club	\$\$\$	Low
32	Develop an informal activity space, e.g. bocce.	Buloke Shire Council	\$	Low
1	Establish designated parking areas.	Buloke Shire Council	\$\$	Ongoing
23	Retain the old pavilion and kiosk.	Buloke Shire Council	\$0	Ongoing
44	Remove any unused buildings – sheep shed, poultry pavilion and ANA Society Pavilion (as new facilities are constructed)	Buloke Shire Council	Costed separately	Ongoing
u 45	Plant additional trees around the entire site.	Buloke Shire Council Landcare	\$	Ongoing



4. BUSINESS

5. REPORTS FROM COUNCILLORS