



ORDINARY COUNCIL MEETING

Tuesday 27th November 2018
6:00pm

Community Hub
Room 1
48 Burns Street, Maryborough

AGENDA

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13.	Meeting Close	

5 CONFIRMATION OF THE MINUTES OF PREVIOUS COUNCIL MEETINGS

Author: Acting Manager Governance

Responsible Manager: Chief Executive Officer

The Officer presenting this report, having made enquiries with relevant members of staff, reports that no disclosable interests have been raised in relation to this report.

SUMMARY/PURPOSE:

To present for confirmation, the minutes of the Ordinary Council Meeting held on 23 October 2018.

POLICY CONTEXT:

Central Goldfields Shire Council's Council Plan 2017-2021 (2018 Refresh) – Our Organisation

Outcome: Central Goldfields Shire is proactive, well governed, professional and financially sustainable organisation.

4.3 Objective: Provide leadership in governance and Council decision making

BACKGROUND INFORMATION:

The minutes of meetings remain unconfirmed until the next meeting of Council.

REPORT:

Section 93 of the *Local Government Act 1989* requires Council to keep minutes of each meeting of the Council and Special Committees, and for minutes to be submitted to the next appropriate meeting for confirmation.

CONCLUSION:

The unconfirmed minutes of the Ordinary Council Meeting held on 23 October 2018 are presented for confirmation.

ATTACHMENTS:

1. Minutes of Ordinary Council Meeting held 23 October 2018.

RECOMMENDATION:

That Council confirms the Minutes of the Ordinary Council Meeting held on 23 October 2018.



ORDINARY MEETING OF COUNCIL MINUTES

Tuesday 23 October 2018
6:00pm

Council Chamber
Room 1 Community Hub
48 Burns Street
Maryborough

MEMBERSHIP

Administrator Noel Harvey
Administrator Karen Douglas
Administrator Hugh Delahunty

To be confirmed at the Ordinary Council Meeting
scheduled for 27 November 2018

UNCONFIRMED MINUTES

1. COMMENCEMENT OF MEETING AND WELCOME

The meeting commenced at 6.00pm

The Chair, Administrator Noel Harvey read the Council Prayer and acknowledgement statement:

Council Prayer

Almighty God, we ask you to be present in this Council.

Direct and guide our deliberations.

We ask you to grant us wisdom and sensitivity as we deal with the business of our Shire.

May each decision that we make advance the wellbeing of all our residents.

This we pray. Amen.

Acknowledgement of Country

I acknowledge the Traditional Owners of the land on which we are meeting. I pay my respects to their Elders, past and present, and the Elders from other communities who may be here today.

PRESENT

Administrator Noel Harvey
Administrator Karen Douglas

IN ATTENDANCE

Chief Executive Officer, Lucy Roffey
General Manager Corporate Performance, Paul Brumby
General Manager Infrastructure, Assets and Planning, Rebecca Stockfeld
General Manager Community Wellbeing, Brenton West

2. APOLOGIES

Nil

3. LEAVE OF ABSENCE

Administrator Hugh Delahunty

4. DISCLOSURES OF CONFLICTS OF INTEREST

Nil

5. CONFIRMATION OF THE MINUTES OF THE PREVIOUS COUNCIL MEETING

The purpose of this report was to present for confirmation, the minutes of the Ordinary Council Meeting held on 25 September 2018.

Council Resolution

That Council confirms the Minutes of the Ordinary Council Meeting held on 25 September 2018.

Moved Administrator Douglas
Seconded Administrator Harvey

CARRIED

UNCONFIRMED MINUTES

6. REPORTS FROM COMMITTEES

6.1 NOTING OF THE APPROVED MINUTES OF SPECIAL COMMITTEE MEETINGS

The purpose of this report was to present for noting the confirmed minutes of Council's Special Committees established under section 86 of the Local Government Act.

Council Resolution

That Council notes;

1. *Talbot Town Hall Committee Minutes for 8 August 2018 (confirmed 24 September 2018).*
2. *Talbot Town Hall Committee AGM Minutes for 17 September 2018 (confirmed 24 September 2018).*
3. *Audit and Risk Committee Minutes for 10 July 2018 (confirmed 10 September 2018)*
4. *Dunolly Historic Precinct Committee AGM Minutes for 25 September 2017 (confirmed 24 September 2018).*
5. *Go Goldfields Collaborative Table Minutes for 8 August 2018 (confirmed 10 October 2018).*

Moved Administrator Douglas
Seconded Administrator Harvey

CARRIED

7. PETITIONS

Nil

8. OFFICER REPORTS

8.1 ASSEMBLIES OF COUNCILLORS

The purpose of this report was to provide the record of any assembly of Councillors so that they are recorded in the minutes of the formal Council Meeting.

Council Resolution

That Council note the record of Assemblies of Councillors as outlined in the report.

Moved Administrator Douglas
Seconded Administrator Harvey

CARRIED

UNCONFIRMED MINUTES

8.2 FINAL REPORT OF ORGANISATION AND GOVERNANCE REFORM PROGRAM

The purpose of this report is to provide a final report on the work and achievements of the Organisational Governance and Reform Program over the last twelve months and outlines how the outcomes of the program will be embedded in sustainable systems and processes into the future.

Council Resolution

That Council notes the achievements of the Organisation and Governance Reform Program.

Moved Administrator Douglas
Seconded Administrator Harvey

CARRIED

8.3 CONSIDERATION OF DRAFT COUNCIL POLICY – COUNCILLOR AND ADVISORY COMMITTEE MEMBER SUPPORT AND EXPENSES POLICY

The purpose of this report for Council to consider and adopt the updated Councillor and Advisory Committee Member Support and Expenses Policy.

Council Resolution

That Council adopt the Councillor and Advisory Committee Member Support and Expenses Policy.

Moved Administrator Douglas
Seconded Administrator Harvey

CARRIED

8.4 CONSIDERATION OF DRAFT GIFTS, BENEFITS AND HOSPITALITY FOR COUNCILLORS AND COMMITTEE MEMBERS

This report presents the draft Gifts, Benefits and Hospitality for Councillors and Committee Members Policy for consideration for adoption by Council.

Council Resolution.

That Council adopts the Gifts, Benefits and Hospitality for Councillors and Committee Members Policy with the examples of token hospitality amended to clarify the difference between token and non-token hospitality.

Moved Administrator Douglas
Seconded Administrator Harvey

CARRIED

UNCONFIRMED MINUTES

8.5 DELEGATIONS OF POWERS, FUNCTIONS AND DUTIES FROM COUNCIL TO STAFF

The purpose of this report is to recommend that Council adopt a new Instrument of Delegation from the Council to various positions in the organisation.

Council Resolution

It is recommended that:

*In the exercise of the powers conferred by section 98(1) of the Local Government Act 1989 (**the Act**) and the other legislation referred to in the attached Instrument of delegation, Central Goldfields Shire Council (**Council**) **RESOLVES THAT -***

- 1) There be delegated to the members of Council staff holding, acting in or performing the duties of the offices or positions referred to in the attached Instrument of Delegation to members of Council staff, the powers, duties and functions set out in that instrument, subject to the conditions and limitations specified in those Instrument.*
- 2) The Instrument comes into force immediately the common seal of Council is affixed to the Instrument.*
- 3) On the coming into force of the Instrument all previous delegations to members of Council staff (other than the Chief Executive Officer) are revoked.*
- 4) The duties and functions set out in the Instrument must be performed, and the powers set out in the Instrument must be executed, in accordance with any guidelines or policies of Council that it may from time to time adopt.*

Moved Administrator Douglas
Seconded Administrator Harvey

CARRIED

8.6 CHCV INCORPORATION

The purpose of this report is to consider participation in the formation of an incorporated association for the Central Highlands group of Councils.

Council Resolution

That Council:

- 1) Authorises the Chief Executive Officer to apply to have Central Goldfields Shire Council join Central Highlands Councils Victoria Incorporated upon its registration.*
- 2) Appoints the Chair of the Administrators as Council's representative for Central Highlands Councils Victoria Incorporated.*
- 3) Notes that the proposed incorporation of Central Highlands Councils Victoria and Council's membership does not involve an investment and/or risk exposure that exceeds the thresholds set out in s 193(5C) of the Local Government Act 1989.*

Moved Administrator Douglas
Seconded Administrator Harvey

CARRIED

UNCONFIRMED MINUTES

8.7 NEIGHBOURHOOD SAFER PLACES PLAN – SEPTEMBER 2018

This report recommends Council adopt the updated Neighbourhood Safer Places Plan – September 2018 following the annual review by CFA and Council and confirms that Neighbourhood Safer Places (Places of Last Resort) (NSP's) within the townships of Maryborough (Princes Park & Pascoe Reserve), Talbot (Pioneer Reserve), Dunolly (Gordon Garden Reserve) and Carisbrook (Market Reserve) have been designated.

Council Resolution

That Council:

Adopt the amended Municipal Neighbourhood Safer Places Plan – September 2018 which identifies and confirms that the following sites have been designated as NSP's within the Central Goldfields Shire Council boundaries;

- **Talbot**, - Pioneer Reserve (Corner of Fyffe and Scandinavian Crescent), Crown Land – Council Committee of Management;
- **Maryborough**, - Princes Park (Oval Only) - Precinct/Jubilee Oval Complex (as defined by Park Road, Burns Street, Holyrood Street and Earl Street), Crown Land – Council Committee of Management; and
- **Maryborough** - Pascoe Reserve (Oval Only) - (Gillies Street), which is Council, owned land.
- **Dunolly** – Gordon Garden Reserve (Grounds Only) Crown Land – Council Committee of Management
- **Carisbrook** – Market Reserve (Grounds Only) – Adjacent to Green, Birch, Powlett, & Urquart Streets, which is Crown Land – Council Committee of Management.

Moved Administrator Douglas
Seconded Administrator Harvey

CARRIED

8.8 MARYBOROUGH AERODROME – AMBULANCE VICTORIA

The purpose of this report is to determine if Council wishes to commence formal negotiations with Ambulance Victoria for a potential site lease at the Maryborough Aerodrome.

Council Resolution

That Council staff commence negotiations with Ambulance Victoria for a potential site lease of site 1/136 Leviathan Road, at the Maryborough Aerodrome on the following terms:

- 1) *Lease term of 21 years (initial term of seven years plus two further terms of seven years each)*
- 2) *Rental of \$104.00 (plus GST) per annum*

Moved Administrator Douglas
Seconded Administrator Delahunty

CARRIED

UNCONFIRMED MINUTES

UNCONFIRMED MINUTES

8.9 PLANNING APPLICATION 008/18 – PROPOSED USE FOR SERVICE STATION SIGNAGE AND ASSOCIATED WORKS AT 55 NOLAN STREET, MARYBOROUGH (CROWN ALLOTMENT 1, SECTION 45, TOWNSHIP OF MARYBOROUGH)

Council has received a planning permit application to upgrade an existing closed mechanical workshop and former petrol station to a new modern service station facility with new signage on the existing overhead canopy, building signage, ID site sign and price boards at the subject land.

A planning permit is required for use and development of the land for a service station and associated works including the display of signage.

The purpose of this report is to advise Council of two written objections (representing three persons) to the proposed service station, and of draft conditions that would be recommended in a notice of decision should the matter be reported to Council at a later date.

Council Resolution

That Council consider the planning permit application PA008/18, objections received and all matters required to be considered for the Use of a Service Station, Signage and associated works at 55 Nolan Street, Maryborough (Crown Allotment 1, Section 45, Township Maryborough) and determine to issue a Notice of Decision to Grant a Planning Permit subject to the following conditions:--

EPA CONDITIONS (9)

- 1. Nuisance dust and/or airborne particles must not be discharged beyond the boundaries of the premises.*
- 2. Effective noise levels from the use of the premises must not exceed the recommended levels as set out in Noise from Industry in Regional Victoria (NIRV; EPA Publication 1411, 2011) or as amended.*
- 3. Displaced petrol fumes must be collected with a vapour recovery system.*
- 4. Odours offensive to the senses of human beings must not be discharged, emitted or released beyond the boundaries of the premises.*
- 5. A secondary containment system must be provided for liquids which if spilt are likely to cause pollution or pose an environmental hazard, in accordance with the EPA Publication 347.1 Bunding Guidelines 2015 or as amended.*
- 6. Surface water discharge from the premises must not be contaminated with waste.*
- 7. Pollution control devices must be installed to prevent the transportation of waste to the environment and stormwater system.*
- 8. All existing tanks must be decommissioned by suitably qualified professionals, as outlined in EPA Publication 888.4 Underground Petroleum Storage Systems (UPSSs) 2015 or as amended and the Australian Standards referenced therein.*
- 9. Petroleum storage tanks must be designed, installed and operated in accordance with the Guidelines on the Design, Installation and Management Requirements for Underground Petroleum Storage Systems (UPSSs) (EPA Publication No. 888.4, August 2015).*

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VICROADS CONDITION (1)

10. *The luminance of the advertising sign must be such that it does not give a veiling luminance to the driver, of greater than 0.25 cd/m², throughout the driver's approach to the advertising sign.*

COUNCIL CONDITIONS (17)

11. Layout Not Altered

The development (including signage) as shown on the endorsed plans must not be altered or modified without the written consent of the Responsible Authority; except in accordance with any variance from any condition following, in which case, the written condition takes precedence.

12. Bunding

Bunding or suitable drainage shall be provided around the perimeter of the site to retain any fuel spillage. Bunding shall be constructed to the satisfaction of the Responsible Authority.

13. Separate Entry & Exit

Separated entry and exiting by vehicles to the site must be provided in order to minimise conflict with pedestrians and must be constructed to the satisfaction of the Responsible Authority.

14. Truck Access for Fuel Delivery

Trucks delivering fuel to the subject site must travel along Napier Street and enter the service station from Nolan Street. Trucks having refuelled the underground tanks must exit the service station site from the Napier Street driveway crossover.

Prior to the commencement of the use, any alterations required to the infrastructure (eg. traffic island) in Nolan Street to accommodate the refuelling trucks must be completed to the requirements and satisfaction of the Responsible Authority.

Prior to the commencement of any works within the road reserve the applicant/owner must make further application for and have approved road occupation/construction permit(s) for all works within the road reserve. The approval of road occupation permits will require the submission of detailed construction plan(s) (including any computations and vehicle swept paths) for all infrastructure including roads, kerb and channel, traffic islands and pedestrian refuge. These plans must show all traffic and pedestrian movement designed to meet the requirements of the Infrastructure Design Manual, include a proposed timeline of works, be drawn to scale with dimensions and be provided to the Responsible Authority in digital format.

All works constructed or carried out must be in accordance with the approved plans/permit(s). A defects liability period of 12 months will apply to all works undertaken within the road reserve.

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15. Maximum size of truck delivering fuel

Trucks delivering fuel to the subject site must be of a maximum length of 14 metres to the satisfaction of the Responsible Authority.

16. No Hi-Flo Diesel pump dispenser

No rapid flow diesel pump dispenser is permitted to be installed or operated at the site. Only low flow diesel dispenser pumps incorporated into the bowsers as part of the four pumps per side shall be permitted.

Trucks having refuelled the underground tanks must exit the service station site from the Nolan Street driveway crossover and turn left only into Napier Street and proceed towards the south.

Under no circumstances are fuel delivery trucks to travel further northwards of Nolan Street.

17. Rear Boundary Fence

The existing south side rear fence, forming the shared boundary with the neighbouring residential dwelling, is to be replaced with an acoustic rated fence at the applicant's expense. The first 3 metres will be 900mm high and the remainder shall be 1.8 metres high. All works shall be to the satisfaction of the Responsible Authority.

18. Hours of Trading

Except with the prior written consent of the Responsible Authority, the use may only operate during the following hours:

Monday – Friday 6:00am - 11:00pm

Saturday - Sunday 6:00am - 11:00pm

A sign must be placed on site indicating the hours of operation.

19. Loading/Unloading

The loading and unloading of vehicles and the delivery of goods to and from the premises shall at all times be carried out entirely within the site as shown on the endorsed plan and be so conducted as to cause minimum interference with other vehicular traffic all to the satisfaction of the responsible authority.

Except with the prior written consent of the Responsible Authority, the loading and unloading of commercial vehicles may only be undertaken during the following hours.

Monday – Friday 7:00am - 5:00pm

Saturday - Sunday 9:00am - 5:00pm

20. Amenity

The amenity of the area must not be detrimentally affected by the use or development, through the:

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(i). *transport of materials, goods or commodities to or from the land;*

(ii). *appearance of any building, works or materials;*

(iii). *emission of noise, artificial light, vibration, smell, fumes, smoke, vapour, steam, soot, ash, dust, waste water, waste products, grit or oil;*

(iv). *presence of vermin; or otherwise.*

Any detriment to the amenity of the environs in the opinion of the Responsible Authority shall be remedied to the satisfaction of the Responsible Authority.

21. Rubbish Facilities

An appropriate rubbish collection receptacle enclosed area must be provided upon the land to the satisfaction of the Responsible Authority.

22. Landscaping

All landscaping works shown on the endorsed plans must be completed to the satisfaction of the Responsible Authority. The landscaped areas and planting must then be maintained to the satisfaction of the Responsible Authority.

23. No outside storage of goods for sale or hire

No goods for sale or hire shall be stored outside or left exposed outside the building so as to be visible from any public road or thoroughfare.

24. Parking on Nearby Roads

Vehicles under the control of the operator or the operator's staff must not be parked on Nolan Street during working hours.

25. Customer Car Park Identification

A customer car park must be clearly identified by a sign having letters with a minimum height of 50mm and showing the words "Customer Parking".

26. External Lighting to be Baffled

Where external lighting is provided it must be fitted with suitable baffles and located so as to prevent the emission of direct light onto adjoining properties or roadways to the satisfaction of the Responsible Authority

27. No Flashing Lights

Flashing or intermittent light must not be displayed on the subject land except with the prior written consent of the Responsible Authority.

28. Heritage Requirements

Paint Colours and surface textures and colours of the building and signage permitted by this permit must be approved by and to the satisfaction of the Responsible Authority.

29. Stormwater drainage

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All stormwater drainage from the buildings and hard standing areas shall be retained within the boundaries of the property or discharged to a legally approved external point of discharge.

30. Sign maintenance

The sign(s) must be constructed and maintained to the satisfaction of the responsible authority.

31. Commencement of Development (two years) and Completion of Development (four years) and Commencement of Use (two years)

This permit will expire if the use and development permitted by this permit is not commenced within two (2) years from the date hereof or if the development is not completed within four (4) years.

The Responsible Authority may extend these times on written request made before the expiry of the permit or within:

- six (6) months after the expiry of the permit if the use or development has not commenced*
- twelve (12) months after the expiry of the permit if development has commenced but is not yet completed.*

Moved Administrator Douglas
Seconded Administrator Harvey

CARRIED

8.10 2018/2019 CENTRAL GOLDFIELDS SHIRE COUNCIL ACTION PLAN

The purpose of this report is to present to Council for consideration the 2018/19 Central Goldfields Shire Council Action Plan.

Council Resolution

That Council adopt the 2018/19 Central Goldfields Shire Council Action Plan.

Moved Administrator Douglas
Seconded Administrator Harvey

CARRIED

8.11 SEPTEMBER FINANCIAL REPORT

Monthly financial reports are presented to Council to show Council's financial performance and how it is tracking against the adopted (original) budget.

Council Resolution

That Council receives and notes the attached September 2018 Financial Report showing progress against the budget, as presented.

Moved Administrator Douglas

UNCONFIRMED MINUTES

Seconded Administrator Harvey

CARRIED

8.12 CENTRAL GOLDFIELDS SHIRE COUNCIL 2017-2018 ANNUAL REPORT

The purpose of this report is to present the Central Goldfields Shire Council 2017-2018 Annual Report for Council's consideration.

Council Resolution

That Council receive the Central Goldfields Shire Council 2017-2018 Annual Report.

Moved Administrator Douglas
Seconded Administrator Harvey

CARRIED

8.13 2017-2018 BUDGET CARRY FORWARDS

To inform Council of the budgetary impacts of capital works projects, operating expenditure activities and grants carried forwards from the 2017-2018 financial year.

Council Resolution

That Council:

- 1) Notes the report outlining the capital works projects, operating expenditure activities and grants carried forwards from the 2017-2018 financial year.*
- 2) Updates the 2018-2019 budgetary forecasting in its financial management reporting system to recognise the budgetary impact of capital works projects, operating expenditure activities and grants carried forwards from the 2017-2018 financial year, as outlined in this report.*

Moved Administrator Douglas
Seconded Administrator Harvey

CARRIED

9 DOCUMENTS FOR SEALING CONFIRMATION

Nil

10 NOTICES OF MOTION

Nil

11 URGENT BUSINESS

Nil

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12 CONFIDENTIAL BUSINESS

Nil

13 MEETING CLOSURE

The Chair, Administrator Noel Harvey declared the meeting closed at 6.33pm

To be confirmed at the Ordinary Council Meeting
held on 27 November 2018.

Chair, Administrator Noel Harvey

6.1 NOTING OF THE APPROVED MINUTES OF SPECIAL COMMITTEE MEETINGS AND ADVISORY COMMITTEE MEETINGS

Author: Acting Manager Governance

Responsible Manager: Chief Executive Officer

The Officer presenting this report, having made enquiries with relevant members of staff, reports that no disclosable interests have been raised in relation to this report.

SUMMARY/PURPOSE:

To present for noting the confirmed minutes of Council's Special Committees established under section 86 of the *Local Government Act 1989*.

POLICY CONTEXT:

Central Goldfields Shire Council's Council Plan 2017-2021 (2018 Refresh) – Our Organisation

Outcome: Central Goldfields Shire is proactive, well governed, professional and financially sustainable organisation.

4.3 Objective: Provide leadership in governance and Council decision making

BACKGROUND INFORMATION:

In accordance with section 86 of the *Local Government Act 1989*, Council has established Special Committees.

The Terms of Reference for the Special Committees require the minutes to be presented to Council for noting.

Minutes of Special Committees are confirmed/approved at the next scheduled meeting of that Special Committee.

REPORT:

The following section 86 Committee of Council has provided confirmed minutes from its recent committee meeting for consideration:

- Tullaroop Leisure Centre Committee of Management Meeting Minutes 16 May 2018
- Adelaide Lead Hall AGM Minutes 14 November 2017

CONSULTATION/COMMUNICATION:

Not applicable.

RESOURCE IMPLICATIONS:

No resource implications.

CONCLUSION:

Recently received, confirmed minutes of Council's Special Committees established under section 86 of the *Local Government Act 1989*, are presented to Council for noting.

ATTACHMENTS:

1. Tullaroop Leisure Centre Committee of Management Meeting Minutes 16 May 2018 (confirmed 17 October 2018).
2. Adelaide Lead Hall AGM Minutes for 14 November 2017 (confirmed 26 September 2018).

RECOMMENDATION

That Council notes the confirmed Minutes of the:

- *Tullaroop Leisure Centre Committee of Management Meeting Minutes 16 May 2018*
- *Adelaide Lead Hall AGM Minutes for 14 November 2017*

TULLAROOP LEISURE CENTRE COMMITTEE OF MANAGEMENT

MINUTES FOR MEETING ON 16 MAY 2018

PRESENT: Russell Cain (Chairperson), George Cain, K. Nicholson, N. Evans, James Prime, Martin Mark, and Ben Robertson.

APOLOGIES: Ian Fetting.

MINUTES: That the minutes of the meeting held on Wednesday 21st February 2018 as circulated be taken as read and confirmed as a true and correct record.

N. Evans
G. Cain

CARRIED

DISCLOSURE OF PECUNIARY INTEREST:

NIL

CORRESPONDENCE:

Inward:

1. Email correspondence from Emily Palmer (Haskell Architects) regarding omitting an item from the refurbishment to allow enough funding to include upgrade of the foyer and passageway lights.
2. Email correspondence from Emily Palmer (Haskell Architects) requesting a letter of commitment stating the \$14,000 funding from the committee.
3. CFA Fire Equipment Maintenance – Certificate of Service.
4. Email correspondence from Emily Palmer (Haskell Architects) with updated drawings to be reviewed.
5. Email correspondence from Ashlie Harvey (Eaglehawk North Primary School) requesting an invoice for the TLC Hire Donation for \$100.00.

Committee confirmed the quoted donation (as per 21 February 2018 Committee of Management Meeting Minutes) for the utilisation of the Tullaroop Leisure Centre during the 2017 Energy Breakthrough was \$150. Tax Invoice for \$150 to be produced and emailed to Eaglehawk North Primary School.

N.Evans
G. Cain

CARRIED

6. Email correspondence from Emily Palmer (Haskell Architects) regarding indicating the department's approval following the resolution of an Asbestos Report and identifying Tender Options.

7. Email correspondence from Emily Palmer (Haskell Architects) regarding the suggested Site Compound (builder's lunch room/amenities) to ensure the location is suitable.
8. Late email correspondence from Emily Palmer (Haskell Architects) – dated 16 May 2018 at 5.27pm - regarding selection of a Tender Option for consideration if the project costings exceed budget.

Outward:

1. Email to Haskell Architects regarding the Committee of Management's commitment to current scope of listed works for the Tullaroop Leisure Centre Refurbishment (excluding re-lighting of the foyer and passageways).
2. Letter from TLC Committee of Management Chairperson Russell Cain to Emily Palmer (Haskell Architects) confirming the Committee's commitment of \$14,000 towards the TLC refurbishment Project.
3. Email to Haskell Architects regarding the resolution of an Asbestos Report and identifying Tender Options.

N. Evans
J. Prime

CARRIED

TREASURER'S REPORT

The bank balance as at the 16th May 2018 is in credit by \$40,480.06 of which \$19,713.08 relates to the cheque account, with \$10,389.90 relating to a 5-Month Term Deposit (2.30%) maturing on 13th June 2018, and \$10,377.08 relating to a 5-Month Term Deposit (2.30%) maturing on 19th June 2018.

Committee agreed to roll the term deposits over for another 5-month period upon maturity.

N. Evans
J. Prime

CARRIED

Since the previous meeting on 21st February 2018 income of \$15,557.39 has been received and payments totalling \$4,734.77 have been reimbursed to the Central Goldfields Shire

Details of these accounts are set out below and I request that these be passed for payment:

<u>Date</u>	<u>Payee</u>	<u>Amount (\$)</u>
26/02/2018	Central Highlands Water	\$613.13
26/02/2018	Kelli Steel - Cleaning	\$600.00
26/02/2018	Telstra Phone	\$31.77
5/03/2018	Polmear Plumbing	\$97.50
20/03/2018	Feb Bas Return	\$1,345.37
22/03/2018	Kelli Steel - Cleaning	\$600.00
22/03/2018	Polmear Plumbing	\$92.00
22/03/2018	Telstra - Phone	\$31.77
18/04/2018	AGL Gas	\$81.97
18/04/2018	AGL Power	\$539.65
18/04/2018	March Bas Return	\$28.93
26/04/2018	Kelli Steel - Cleaning	\$600.00
26/04/2018	Telstra - Phone	\$31.77
30/04/2018	Sportspower - Netball	\$40.91
TOTAL		<u>\$4,734.77</u>

K. Nicholson
N. Evans

CARRIED

GENERAL BUSINESS:

1. Centre Maintenance Items

Victorian Government Maintenance and Upgrade Support for the Centre

Funding of \$230,749 through the Victorian School Pride and Sports Funding Program was announced by Parliamentary Secretary for Regional Victoria, Danielle Green on Friday 24th March 2017.

Chairman has attended several Project Management Group meetings and will report to the Committee on the development of this project. Please refer to correspondence presented at the meeting and listed in Correspondence Inwards.

The Tullaroop Leisure Centre Committee of Management agreed to commit \$14,000 on their own funds, and omit the installation of translucent sheeting off the north side of the main court roof to ensure the project budget is balanced.

The Committee requested the secretary to write an email to Haskell Architects to ascertain the process moving forward.

- i. Selection of Option for omission from works if budget exceeded.

Haskell Architects contacted the Committee of Management to ascertain what scoped items could be excluded from the works program if the project costings exceeded the budget (needed to be the equivalent of 10% of the total project budget or equivalent of \$21,000).

The Tullaroop Leisure Centre Committee of Management agreed to select Item (6) External Painting (including signage) of the façade (\$20,000) as its Tender Option.

N. Evans
K. Nicholson

CARRIED

- ii. Location of Site Works Compound

Haskell Architects contacted the Committee of Management to ascertain if the Committee granted its approval for the locating of the Site Works Compound at the rear of the centre (North-east Corner – near squash courts).

The Tullaroop Leisure Centre Committee of Management agreed that the prospective location of the site works compound, as presented in email correspondence provided on 15th May 2018, would be acceptable to the Committee.

N. Evans
G. Cain

CARRIED

iii. Abestos Report

New Vacuum Cleaner for Cleaner

The cleaner has requested the purchase of a new vacuum cleaner for utilisation at the centre.

The Committee agreed to purchase a new vacuum cleaner for the centre cleaner.

Security Camera Upgrade

The Tullarooop Leisure Centre Committee of Management would like to investigate the installation of an external security camera system for the centre.

It was suggested that the Secretary consult with Troy Walker Electrical to ascertain the most suitable system to install, whether it has visual coverage both internally and externally, will it benefit the school grounds as well, and if it will be cameras and/or motion sensors.

Kelvin Nicholson indicated that ASQ have systems installed at its Central Victorian sites, and these work very effectively. Kelvin to also supply the contact details of the company that provided these systems as well.

Multi-purpose Room Gas Heater Repair

It was stated in the meeting that perhaps the use of a suction tool may be all that is required to remove the dirt. Secretary to investigate if this prospective course of action will be successful.

2. Centre Usage

a. Main Court

- Mixed Netball.
- Indoor Netball – club practice sessions, representative team try-outs, and coaching / umpiring courses are conducted in the centre.
- Basketball – periodic training sessions and some major competitions utilise the centre for junior games. The Maryborough Basketball Association tournament booking scheduled for 28 & 29 October 2107 was cancelled.

- Carisbrook Playgroup – utilise Multi-purpose Room on Monday mornings throughout the school terms.
- Other Indoor Sports – opportunities also exist for additional sports including indoor tennis, hockey, boot camps, personal training, etc. It was agreed that all these potential aspects of use of the facility should be promoted.
- Eaglehawk North Primary School utilised the “Centre” for camping requirements across two nights (Thursday and Friday) during the 2017 RACV Energy Breakthrough. The contact person for the school was ex-Carisbrook Primary School teacher Bec Pearce.

Noela Evans to follow up donation of \$150 from the Eaglehawk North Primary School on the Committee of Management’s behalf. **Tax Invoice to be developed.**

- AEC expressed an interest in utilising the centre for the 2018 Election. The Committee of Management agreed to ask for a donation of \$150/day plus \$150 Cleaning Fee. Centre Manager to inform the AEC representative of the Committee of Management’s position. **Letter to be developed to inform AEC of the same.**

b. Squash

- Monday night squash pennant.
- Squash have requested that the service road along the TLC Building be upgraded for their access to the centre rear door and squash courts.

Secretary to contact the Central Goldfields Shire Council Works Department to plan service road upgrades.

- Squash have indicated that the front wall on the glass back court requires some maintenance. Request for Committee of Management to inspect court.

3. Squash Developments

Secretary to inform Ian Fetting that the Carisbrook Primary School may be interested in coordinating another lunchtime racquetball / squash program with the school. Ian to contact Noela Evans if they have any interest in this program.

Ian Fetting indicated that he would speak to the club regarding a possible Committee of Management representative. Potential representatives include Ian Fetting (depending on the meeting dates), Sid Webb, Craig Tranter, or Gail Oliver.

4. Multi-Purpose Room Shire of Tullaroop Memorabilia

Secretary to investigate if there are any grants available to protect and electronically log the past shire presidents' photographs for future prosperity and reference.

It was agreed at the meeting that there were at least another two photographs that have gone missing from the collection. It is unknown if these may have been removed or fell out their position.

Noela Evans indicated that she would consult with the Carisbrook Primary School Teachers who utilise the Multi-purpose Room to see if they are aware of the whereabouts of these photographs, and the Secretary will consult with Kellie Steel to ascertain her knowledge of their whereabouts as well.

Secretary to contact the Maryborough Historical Society to gain an understanding of the process required to digitally store these photographs and associated information for historical preservation purposes.

5. Centre Signage

The Committee requested the secretary to investigate sign writers who could undertake the painting of the front wall of the centre and indicative costs associated with these works. Known potential contractors include Signarama (Bendigo), Vital Signs, Art Craft, and Phillip Duus (Castlemaine).

Ben Robertson organised an on-site meeting with Peter Reading from Signarama for the re-painting/re-signwriting on the front of the building. This meeting occurred in September 2017.

Ben to investigate the potential of installing a new night light / projector system at the front of the centre as well, which could project an image onto a blank wall or just light up the front wall. It was hoped there was a solar powered option with this infrastructure as well.

The Committee agreed to install a framed photograph of Peggy Robinson above the entrance door underneath the sign. This will be similar to what was produced for Kevin Egan. Secretary to obtain photograph of Peggy Robinson initially from Kellie Steel to initiate the process. A younger photograph could be used.

OTHER GENERAL BUSINESS:

MEETING CLOSED:

NEXT MEETING: Wednesday 15th August 2018 at 7.30pm.

**ADELAIDE LEAD HALL COMMITTEE
ANNUAL GENERAL MEETING HELD 14/11/17 – 7.30pm**

THOSE PRESENT WERE:

Keith Bartlett, Colin Bartlett, John Hummel, Jean Taggart, Trish Walsh, Judy Webb, Greg Cotter, Dennis George, Audrey & Lachlan Bartlett, Gary Perry, Kerrie & Mark Jennings, & Noreen Martin

MEETING CHAIRED BY PRESIDENT: Keith Bartlett

APOLOGIES: Received from Gloria Bartlett

MOTION: That apology be accepted

MOVED: Judy Webb

SECONDED: Trish Walsh

CARRIED

MOTION: That minutes of last AGM be read

MOVED: John Hummel

SECONDED: Jean Taggart

CARRIED

CORRESPONDENCE:

No Correspondence

TREASURERS REPORT:

MOTION: That Treasurers reports be received as tabled

MOVED: John Hummel

SECONDED: Greg Cotter

CARRIED

Treasurer to be paid \$75 Annual Fee to cover expenses

PRESIDENTS REPORT: as tabled

NO OTHER REPORTS RECEIVED

ALL COMMITTEE EXECUTIVE POSITIONS: to stay same – Tri-annual Elections

Those now on Committee consists of:

Keith Bartlett, Colin Bartlett, John Hummel, Noreen Martin, Dennis George, Trish Walsh, Jean Taggart, Judy Webb, with the addition of Audrey Bartlett, Gary Perry and Mark and Kerrie Jennings.

GENERAL BUSINESS: to do with AGM

MEETING CLOSED 8PM

CONFIRMED BY

NOTES:

Thanks to Trish Walsh's letter drop, 4 new local residents attended meeting and accepted a position on the Committee.

*These minutes have been typed from written minutes provided by the Adelaide Lead Hall Committee to the Central Goldfields Shire Council by a Council officer.

PRESIDENTS REPORT

ADELAIDE LEAD HALL

The Adelaide Lead Hall is being kept in good condition and we have no problems with it.

We have a reasonable income from events held here and this income is used for the general expenses in the up keep of the hall.

The hall is used for music festivals, parties, meetings and other community events.

It is also a local Displan Area for the district.

The hall is an asset for the local community and is of significant historical value for whole of the local area.

Keith Bartlett

8.1 ASSEMBLIES OF COUNCILLORS

Author: Acting Manager Governance

Responsible Manager: Chief Executive Officer

The Officer presenting this report, having made enquiries with relevant members of staff, reports that no disclosable interests have been raised in relation to this report.

SUMMARY/PURPOSE:

The purpose of this report is to provide the record of any assembly of Councillors, which has been held since the last Council Meeting, so that it can be recorded in the Minutes of the formal Council Meeting.

POLICY CONTEXT:

Section 80A of the Local Government Act 1989 requires the record of any assembly of Councillors to be reported to the next practicable Council Meeting and recorded in the Minutes and to include the names of all Administrators and Council Staff attending, the matters considered and any conflicts of interest recorded.

BACKGROUND INFORMATION:

The Local Government Act provides a definition of an assembly of Councillors where conflicts of interest must be disclosed.

A meeting will be an assembly of Councillors if it considers matters that are likely to be the subject of a Council decision, or, the exercise of a Council delegation and the meeting is:

1. A planned or scheduled meeting that includes at least half the Councillors and a member of Council staff; or
2. An advisory committee of the Council where one or more Councillors are present.

The requirement for reporting provides increased transparency and the opportunity for Councillors to check the record, particularly the declarations of conflict of interest.

REPORT:

Outlined below are the details of Assemblies of Councillors since the last meeting:

Date	23 October 2018	Meeting:	Briefing Meeting
Councillor Attendees	Noel Harvey, Chief Administrator; Hugh Delahunty, Administrator; Karen Douglas, Administrator		
Council Staff Attendees	Lucy Roffey, Chief Executive Officer		
Guests			
Conflict of interest disclosures:	NIL		
Matters Considered	Pre meeting to discuss October Ordinary Council Meeting Agenda.		
Date	30 October 2018	Meeting:	Briefing Meeting
Councillor Attendees	Hugh Delahunty, Administrator; Karen Douglas, Administrator		
Council Staff Attendees	Lucy Roffey, Chief Executive Officer; Paul Brumby, General Manager Corporate Performance; Rebecca Stockfeld, General Manager Infrastructure Assets & Planning; Brenton West, General Manager Community Wellbeing;		
Guests	Paul O'Donohue, Jeff Haydon, Alison Teese		
Conflict of interest disclosures:	NIL		
Matters Considered	Maryborough Integrated Water Management Plan		
Date	13 November 2018	Meeting:	Strategy Briefing Meeting
Councillor Attendees	Noel Harvey, Chief Administrator; Karen Douglas, Administrator; Hugh Delahunty, Administrator		
Council Staff Attendees	Lucy Roffey, Chief Executive Officer; Paul Brumby, General Manager Corporate Performance; Rebecca Stockfeld, General Manager Infrastructure Assets & Planning; Brenton West, General Manager Community Wellbeing; Kate Bucknall, Manager Community Engagement; Belinda McKnight, Emergency Management Officer; Glenn Deaker, Acting Manager Engineering Services		
Conflict of interest disclosures:	NIL		
Matters Considered	<ul style="list-style-type: none"> • Emergency Management Plan • CGSC Website Update and Final Branding Style Guide • CGSC Community Transport Plan Report • Support of Community Events Report • Loddon Campaspe Healthy Heart of Victoria Initiative • Cool It Project • 2019 Council Meeting Dates Report • Award Annual Spray Sealing Report • IWM Forums and Strategic Directions Statement Report • Sealed Documents Confirmation Report • Finance Report – October 2018 		

RECOMMENDATION:

That Council note the record of Assemblies of Councillors as outlined in this report.

8.2 ORDINARY COUNCIL MEETING DATES FOR 2019

Author: Acting Manager Governance

Responsible General Manager: General Manager Corporate Performance

The Officer presenting this report, having made enquiries with relevant members of staff, reports that no disclosable interests have been raised in relation to this report.

SUMMARY/PURPOSE:

The purpose of this paper is for Council to set the dates and times for ordinary meetings of Council for the 2019 calendar year.

POLICY CONTEXT:

Central Goldfields Shire Council's Council Plan 2017-2021 (2018 Refresh) – Our Organisation

Outcome: Central Goldfields Shire is proactive, well governed, professional and financially sustainable organisation.

4.3 Objective: Provide leadership in governance and Council decision making

The setting and publicising of a calendar of dates is a key foundation of transparent governance and participation of the community in democratic decision making by enabling them to be aware of and attend open Council meetings

BACKGROUND INFORMATION:

Section 89(1) of the Local Government Act 1989 requires Council to hold meetings open to the public. Central Goldfields Shire Council has by recent convention done this eleven times per year, generally on the fourth Tuesday of each month commencing at 6:00 pm and held in the Community Hub. It is accepted best practice for Councils to set meetings for the full calendar year in advance.

Council is also required to give at least seven days public notice of a meeting prior to an ordinary meeting of Council (Section 89(4) of the Local Government Act 1989). Central Goldfields Shire Council does this in two ways; firstly by publishing an annual calendar of ordinary meetings on its web-site and in a local paper prior to the end of the previous year and secondly by publishing upcoming meetings in the regular Council advertisement in the Maryborough Advertiser throughout the year.

REPORT:

The proposed dates for 2019 are:

- Tuesday 26 February 2019
- Tuesday 26 March 2019
- Tuesday 23 April 2019
- Tuesday 18 May 2019

- Tuesday 25 June 2019
- Tuesday 23 July 2019
- Tuesday 27 August 2019
- Tuesday 24 September 2019
- Tuesday 22 October 2019
- Tuesday 26 November 2019
- Tuesday 17 December 2019

This schedule has allowed for public holidays. The December meeting has been brought forward one week to avoid Christmas 2019.

Administrator Strategy Briefings will be scheduled to be a fortnight before each ordinary Council meeting, consistent with 2018 practice.

It is recommended that the current regime of advertising Council meetings be continued.

CONSULTATION/COMMUNICATION:

This schedule has been reviewed and endorsed by the Executive Management Team.

FINANCIAL & RESOURCE IMPLICATIONS:

Advertising of the adopted schedules will be accommodated within the existing Governance budget.

CONCLUSION:

Council must resolve to set the schedule of ordinary Council meetings for 2019. The processes for advertising and managing of meetings and briefing sessions from 2018 is proposed to continue for 2019.

ATTACHMENTS:

Nil

RECOMMENDATION:

That Council adopts the following dates for the Ordinary Council Meetings in 2019:

- *Tuesday 26 February 2019*
- *Tuesday 26 March 2019*
- *Tuesday 23 April 2019*
- *Tuesday 28 May 2019*
- *Tuesday 25 June 2019*
- *Tuesday 23 July 2019*
- *Tuesday 27 August 2019*
- *Tuesday 24 September 2019*
- *Tuesday 22 October 2019*
- *Tuesday 26 November 2019*
- *Tuesday 17 December 2019.*

8.3 INTERGRATED WATER MANAGEMENT FORUMS STRATEGIC DIRECTIONS STATEMENT REPORT

Author: **Manager Infrastructure**

Responsible General Manager: **General Manager Infrastructure Assets and Planning**

The Officer Presenting this report, having made enquiries with relevant members of staff reports that there are disclosable interests that need to be raised in relation to this report.

The CEO is a board member and Chair of Coliban Water Authority.

SUMMARY/PURPOSE:

Central Goldfields Shire has participated in the development of two Integrated Water Management Strategic Directions Statements; one for the Central Highlands Water and the Coliban Water area. The Strategic Directions Statements were developed through regional collaboration by a diverse Forum membership with interests in land, water, waterways, the urban built form, and community health and wellbeing.

The Statements identify opportunities, backed by the Forum, that can substantially transform and enhance the role that water plays as an essential part of our region's way of life. It is recommended that Council endorse the two Strategic Directions Statements and continue to participate the roll out of the works identified in the statements (for example the Maryborough Integrated Water Management plan) and in the development of future works/plans for water management in the region.

The Integrated Water Management Framework for Victoria aims to help government, the water sector and the community work together to better plan, manage and deliver water in Victoria's towns and cities.

The State Government 2016 Water for Vitoria policy promotes the development of Integrated Water Management Plans for better manage the water resource

POLICY CONTEXT:

Central Goldfields Shire Council's Council Plan 2017-2021 (2018 Refresh) – Our Built and Natural Environment

Outcome: Central Goldfields Shire celebrates the rich built and natural heritage and a sustainable environment.

3.3 Objective: Protect and enhance the environment while planning for growth

Initiative: Implement the actions from Council's Sustainability Plan

The Integrated Water Management Framework for Victoria forms part of the State Governments state water plan "Water for Victoria" which aims to help government, the water sector and the community work together at the local level to better plan, manage and deliver water in Victoria's towns and cities.

BACKGROUND INFORMATION:

The Integrated Water Management Framework for Victoria, developed in 2017, outlines how greater community value can be delivered through strategic collaboration between water corporations, local governments, catchment management authorities and the community.

Integrated water management is a collaborative approach to planning that brings together organisations that influence all elements of the water cycle including waterways and bays, waste water management, alternative and potable water supply, stormwater management and water treatment.

REPORT:

The Integrated Water Management Framework for Victoria defines 16 Forum areas across the state: five metropolitan forums, based on catchments; and 11 regional forums, based on water corporation boundaries. The IWM Forums are part of the structure for organisational leaders to come together collaboratively to discuss IWM opportunities and priorities for each region. Each Forum has formed a working group to develop IWM Plans for the prioritised projects.

Central Goldfields Shire is part of two IWM Forums:

- **Central Highlands Forum** which includes Bet Bet, Timor, Carisbrook, Maryborough and Talbot to the south of the shire; and
- **Coliban Forum** which includes Dunolly and Bealiba to the north of the shire.

Over the past six months each Forum group has developed their shared vision through forum meetings and working group meetings. The process has been facilitated by consultants in for each Forum group appointed and funded by the Department of Land Water and Planning (DELWP).

The Forums have each created a Strategic Directions Statement (SDS) outlining the key forum objectives and detailing a summary of prioritised opportunities which have been identified through the process.

The Central Highlands and Coliban Strategic Directions Statements are presented as Attachments 1 and 2

Each Strategic Directions Statement includes projects that have will provide direct benefit to the Central Goldfields Shire:

Coliban Strategic Directions Statement

The fifteen projects identified in the Coliban SDS best demonstrate that the will ensure that the strategic objectives of the Statement are pursued. These projects include:

- Growing Newbridge
- Water for Now and into the Future in Castlemaine
- Planning for Sustainable Water Management (enforcement of existing planning policy for IWM is currently a challenge. This is an opportunity to link with wider state-wide work to pilot new planning approaches in the Coliban Forum area.)

- Lake Eppalock Hydroelectricity
- Lake Eppalock Water Quality Assessment
- Hanging Rock Reserve - Alternative Water Supply
- Macedon Ranges - Northern Region IWM Plan
- Transition Strategy for a Water Sensitive Bendigo
- Re-imagining Bendigo Creek
- Wanyarram Dhelk (this project complements the re-imagining of the Bendigo Creek project by delivering targeted improvements – supporting the cultural aspirations of the Dja Dja Wurrung Traditional Owners.)
- Aboriginal Water Assessment – Campaspe River
- Greening Trentham for Water Security and Healthy Waterways
- Campaspe: Planning for Future Water Management
- Upper Coliban Integrated Catchment Plan

Future projects that could be included would relate the development of IWM plans for small towns, which would pick up Coliban Water managed towns such as Dunolly and Bealiba. It is recommended that council note this in its endorsement of the Strategic Directions Statement.

Central Highlands Strategic Directions Statement

Thirteen projects area identified in the Central Highlands SDS to pursue the strategic objectives of the Statement. These projects include:

- Mapping of Cultural Values of Waterways
- Enhancing flows to the Moorabool River and Leigh River
- Central Highlands Small Towns - Green-Blue Infrastructure Plan
- Maryborough Integrated Water Management Plan
- Daylesford Integrated Water Management Plan
- Ballan Integrated Water Management Plan
- Revitalising Lake Burrumbeet and Burrumbeet Creek
- Beaufort Closed Loop Recycled Water Scheme
- Integrated Management of the Tullaroop Catchment
- Breathing Life into the Yarrowee River Works Prioritisation Masterplan
- Expanding Ballarat's Alternative Water Network
- Ballarat West Stormwater Harvesting Hubs
- Victoria Park (Ballarat) Green Space Transformation

The Central Highlands SDS outlines a couple of specific opportunities directly relating to: the Maryborough and Carisbrook integrated water management plan; and the enhancement of the health of the Tullaroop Creek catchment. It is noted that the Maryborough Integrated Water Management Plan refers to Carisbrook in the wording of the plan. Through the work and opportunities identified in the Maryborough Plan that has been undertaken to date, the outcomes are focussed on Maryborough.

CONSULTATION/COMMUNICATION:

Consultation has involved forum meetings and working group meetings with a number of stakeholders from the respective water corporations, local governments, catchment management authorities, aboriginal corporations and DELWP. Staff from Council have been involved in the Forum meetings and working groups of each Forum to varying degrees.

Future consultation will engage further stakeholders when each of the prioritised projects from each SDS are considered for further detailed investigation or consideration.

FINANCIAL & RESOURCE IMPLICATIONS:

The consultants for each Forum have been funded by the Department of Environment Land Water and Planning and coordinated through the respective water authorities Central Highlands Water and Coliban Water. The Forums and working groups have taken up staff time only.

CONCLUSION:

The Strategic Directions Statement for each forum area detail the vision and outcomes required for each region and outline a list of prioritised opportunities measured against the strategic outcomes for further consideration.

Council will directly benefit from the development of the Maryborough Integrated Water Management Plan and will look forward to integrating potential projects into future project planning.

ATTACHMENTS:

1. Central Highlands Strategic Directions Statement September 2018.
2. Coliban Strategic Directions Statement September 2018

RECOMMENDATION:

That Council:

- *endorse the Central Highlands Integrated Water Management Strategic Directions Statement*
- *endorse the Coliban Integrated Water Management Strategic Directions Statement*
- *continue to work with both water Forums and the regional statutory bodies to undertake the planning and works identified in the Strategic Directions Statements*
- *advise the Coliban Water Forum that a future project should focus on the development of a small town Integrated Water Management Plans.*



Central Highlands

STRATEGIC DIRECTIONS
STATEMENT

SEPTEMBER 2018



Integrated Water
Management Forums



Environment,
Land, Water
and Planning

Integrated Water Management is a collaborative approach to water planning and management that brings together organisations with an interest in all aspects of the water cycle.

It has the potential to provide greater value to our communities by identifying and leveraging opportunities to optimise outcomes.

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Foreword

The Central Highlands region prides itself as a leader in Integrated Water Management (IWM) with an active group of stakeholders who understand the importance of collaboration. The collective benefits of IWM in terms of economic prosperity, environmental improvements and enhanced liveability are key strategic goals for the region.

Accordingly, these benefits are well-recognised in the plans and strategies of the organisations represented in the Central Highlands IWM Forum and are known priorities for the communities that they represent. The Forum has benefited greatly from representation from Wadawurrung and Dja Dja Wurrung Clans Aboriginal Corporation to highlight traditional owner goals and opportunities connected to water management, as well as setting strong foundations for ongoing collaboration in identifying and delivering IWM projects across the region.

Our future focus lies in addressing the two major challenges of population growth and climate change while seizing opportunities to enhance the liveability of our cities and towns through the management of water. The largest city in our region, Ballarat, has a long history of successfully delivering IWM projects for the community and a mature

water planning framework that is underpinned by the award-winning Ballarat IWM Plan. With momentum building from a range of IWM activities and rapid growth frontiers in Ballarat West, the city is set to further advance its reputation as an exemplar regional centre for IWM in Victoria.

The connectivity between urban and rural environments also brings opportunities to harness urban water resources such as recycled water and stormwater to support a range of outcomes. As the most flow-stressed waterway in Victoria, the Moorabool River is a priority for our region, and our forum is poised to explore opportunities for innovative and collaborative water management initiatives to achieve better outcomes for key catchments by taking a big-picture view.

The region is also home to the significant urban centres of Maryborough, Daylesford, Ballan, and a large number of small towns

which offer a multitude of resilience and liveability opportunities. These opportunities range from closed-loop alternative water supplies to support local economies in centres such as Beaufort, to joint investments to enhance local catchments and water bodies such as Burrumbeet Creek and Lake Burrumbeet which provide important ecological, tourism, recreational and cultural values for the region.

As a forum, we look forward to achieving our vision of "working together to leverage opportunities across the water cycle to deliver a healthy, resilient and prosperous future for the region and its communities".



Jeff Haydon

Chair of the Central Highlands Region IWM Forum

Acknowledgements

The Central Highlands Region IWM Forum area includes Dja Dja Wurrung and Wadawurrung country, whose ancestors and their descendants are the Traditional Owners of this country.

The Forum wishes to acknowledge that these two groups have greatly contributed to the development of this Strategic Directions Statement from an early stage, despite challenges with resourcing. The Forum members, and in particular the Department of Environment, Land, Water and

Planning will work with both groups to assist them to participate more fully in the future.

The meetings of the Forum, working group and individual meetings with project sponsors have developed initiatives from ideas into mature project themes.

Collaboration and cross-pollination has been a key outcome of the Forum, with ideas being shared and improved by input from project partners.

The Central Highlands Strategic Directions Statement has been developed in collaboration with:



* In-principle support for this SDS pending formal endorsement at a forthcoming Council meeting.



Water bugs survey, Moorobull Yaluk Kuwin River Day with Wadawurrung Community. Courtesy: Wadawurrung

At a glance

The Central Highlands IWM Strategic Directions Statement highlights the key challenges in the region and also identifies collaborative IWM opportunities that can improve resilience and liveability in cities and towns in the region.

Vision

Working together to leverage opportunities across the water cycle to deliver a healthy, resilient and prosperous future for the region and its communities.

Strategic outcomes:

- Safe secure and affordable supplies in an uncertain future
- Effective and affordable wastewater systems
- Avoided or minimized existing and future flood risks
- Healthy and valued waterways, wetlands and waterbodies
- Healthy and valued landscapes
- Community values reflected in place-based planning.
- Jobs, economic benefits and innovation



IWM opportunities

Partners of the Forum have committed their best endeavours to ensure priority projects and strategies are progressed in line with the shared vision and strategic outcomes of the Central Highlands Region IWM Forum. Thirteen priority opportunities have been identified in the region and these have been grouped into four themes – regional enablers, prioritising action in major urban centres, delivering benefits in key regional locations and building momentum in Ballarat.

Regional enablers

1 Mapping of Cultural Values of Waterways

There is an opportunity for Traditional Owners to work with other stakeholders to identify and map cultural sites and values along waterway corridors in the region. This will drive significant improvements to waterway management processes and create a knowledge base which can be managed by Traditional Owner groups.

2 Enhancing flows to the Moorabool River and the Leigh River

The Moorabool is the most flow-stressed waterway in the state and it is a regional priority for action. This project will complete initial studies to ascertain the volume and flow characteristics of urban flows entering the Yarrowee–Leigh River and understand potential to harness those resources to enable additional flows to be released to the Moorabool River. These studies provide key information to inform the Central Region Sustainable Water Strategy and should be considered with other options to enhance flows.

3 Central Highlands Small Towns Green-Blue Infrastructure Plan

The Central Highlands region has many small towns that function as community hubs, tourism centres and regional attractions. This plan recognises the significance of these towns and provides a process to review and prioritise IWM investments to drive green-blue outcomes for key community assets.

Prioritising action in major urban centres

4 Maryborough Integrated Water Management Plan

A comprehensive review of IWM opportunities for Maryborough and Carisbrook, will identify priority actions and projects and develop concept designs for key options that can contribute to the community's vision for "a resilient Maryborough with a thriving community, a prosperous economy, and a healthy environment".

5 Daylesford Integrated Water Management Plan

An IWM Plan will be developed for Daylesford, Hepburn Springs and surrounding townships to articulate a community vision and identify IWM opportunities to deliver the vision. The IWM plan will outline priority projects for implementation by Hepburn Shire Council, Central Highlands Water and North Central Catchment Management Authority.

6 Ballan Integrated Water Management Plan

An IWM Plan will be developed for Ballan to articulate a community vision and identify IWM opportunities to deliver the vision. The IWM Plan will outline priority projects for implementation by Moorabool Shire Council, Central Highlands Water and Melbourne Water.

Delivering benefits in key regional locations

7 Revitalising Lake Burrumbeet and Burrumbeet Creek

There is an opportunity to revitalise sections of Burrumbeet Creek and improve Lake Burrumbeet through collaborative planning and investment, bringing great benefit to communities in Ballarat and Traditional Owners as well as visitors, protecting and enhancing natural and cultural values and improving these priority assets.

8 Beaufort Closed Loop Recycled Water Scheme

This project will enable a closed loop recycled water scheme to manage all of the Beaufort community's wastewater within the urban environment through irrigation for the local golf course, school, recreation reserve, numerous sporting facilities.

9 Integrated Management of the Tullaroop catchment

Through collaboration, shared objectives will be formed and management actions outlined to respond to catchment stressors and enhance the health of Tullaroop Creek. The Tullaroop Creek catchment is a closed system of a manageable scale where multiple tangible benefits can be delivered in the short term to support longer term objectives.

Building on momentum in Ballarat

10 Breathing Life into the Yarrowee River: Works Prioritisation Masterplan

A Master Plan will engage community members, key stakeholders and Traditional Owners to develop a prioritised plan of future investments to reinvigorate and breathe life into the urban reaches of the Yarrowee River corridor. This will ensure that future projects can be implemented in the context of a holistic community vision that delivers maximum benefit.

11 Expanding Ballarat's Alternative Water Network

The existing non-potable network in Ballarat has potential for expansion to support irrigation of sporting grounds and parks. The priority connections in the short term are sporting grounds at Wendouree West Reserve and Ballarat Secondary College (Mt Rowan Campus).

12 Ballarat West Stormwater Harvesting Hubs

Ballarat West is growing fast. An opportunity exists to create stormwater harvesting hubs with multiple schemes utilising treated urban stormwater to irrigate open spaces in new development areas. Proactive funding, planning and design can lead to widespread on-ground implementation where infrastructure is installed in a cost effective manner to derive greatest community benefit.

13 Victoria Park (Ballarat) Green Space Transformation Management

Feasibility assessments have been completed to harness an alternative water source to provide irrigation to Victoria Park, the key green space in Ballarat. The scheme would transform this key community asset into a year round green space and attract events as well as enhancing existing lakes and public amenity.



Chapter 1

The way forward

An unprecedented opportunity to progress water cycle planning and management in Victoria through collaboration.

Introduction

The *Integrated Water Management (IWM) Framework for Victoria* (September 2017) is designed to help regional stakeholders to work together, ensuring the water cycle contributes to the liveability of towns and cities in Victoria, with communities at the centre of decision making.

The central premise of an IWM approach is the overall acceptance that managing urban liveability and resilience is a shared responsibility and that water is a key enabler to achieving these shared aims.

To facilitate this, IWM Forums have been established across the state to identify, prioritise and oversee the implementation of critical collaborative opportunities. This Strategic Directions Statement has been produced by the Central Highlands IWM Forum to capture and communicate those opportunities.

IWM seeks to build on existing partnerships and planning processes. In the Central Highlands region, stakeholders such as local government, catchment management authorities and water corporations engage with their communities regularly to improve service delivery and urban planning. Community aspirations are embedded in the strategies and operational plans for organisations. These aspirations reflect a desire for liveable and productive places and vibrant communities. The way in which we plan and use water is fundamental to ensuring these aspirations are realised.

Alongside local plans and strategies, communities in the Central Highlands region have also been strongly engaged in the shaping of IWM through the development of the *Ballarat and Region's Water Future: A whole-of-water-cycle management*

framework (2014). The Framework set out a vision to create “a greener, more liveable and prosperous water future” for the region. Community engagement was expanded in the largest urban area in the region, through the development of the Ballarat City IWM Plan (2017) which prioritised IWM opportunities for the city.

Regional IWM is also strengthened by the formation of Catchment Partnership areas under the Government's *Our Catchments, Our Communities Integrated Catchment Management Strategy for Victoria (2016–19)*. The Traditional Owners of land are active participants in water and waterway management across the region. For example, the Dja Dja Wurrung Country Plan 2014–2034 sets out goals for river and catchment management as well as community well-being which can be enabled through water management.

What is a Strategic Directions Statement?

This Strategic Directions Statement (SDS) articulates the regional context, the shared vision and the strategic water-related outcomes for the Central Highlands Region IWM Forum region.

This SDS includes a list of IWM opportunities, including projects and strategies, developed in collaboration by the Central Highlands Region IWM Forum partners.

Integrated Water Management

IWM is a collaborative approach to water planning that brings together organisations that influence all aspects of the water cycle. It has the potential to provide greater value to our communities by identifying and leveraging opportunities to optimise the outcomes of water cycle.

Partners of the Forum have committed their organisations to apply their best endeavours to:

- Ensure priority projects and strategies are progressed in line with the shared vision and strategic outcomes of the Central Highlands Region IWM Forum; and to
- Support DELWP to progress priority strategic enablers for IWM in Victoria.

It is envisaged that the SDS will be a living document which will be updated to reflect the current Central Highlands Region IWM Forum priorities and opportunities.

Enduring collaboration

IWM is an evolving process that seeks to coordinate and balance many views and interests in the water sector around common goals and agreed outcomes. IWM Forums collaborate and oversee ongoing IWM planning. The IWM Forum cycle is summarised on the next page.

How we're working together

The Central Highlands Region IWM Forum identifies, coordinates and prioritises areas that would most benefit from collaborative and place-based water management planning and delivery.

To ensure IWM is successful and enduring across the region, Forum partners have committed to the promotion of a collaborative and shared values culture within their own organisations and beyond through their work with key water cycle delivery partners and local communities.

The Central Highlands Region IWM Forum is governed by an open and transparent IWM planning process. This process assumes a holistic, whole-of-cycle approach to determining water cycle solutions, considering regulatory accountabilities and service delivery responsibilities.

Each organisation plays an important role in the decision-making and management of the water resources and assets for the entire catchment.

Collaboration across Forum partners ensures balanced consideration of the complex economic, environmental, cultural and community benefits and impacts associated with the range of proposed IWM projects and work programs.

The Central Highlands Region IWM Forum partners will continue to work together to build inter-organisational trust and develop productive, enduring relationships to realise the shared vision for the region.

Further information on the IWM Forum's governance and planning framework is outlined in the *Integrated Water Management Framework for Victoria*, available at <https://www.water.vic.gov.au/liveable/resilient-and-liveable-cities-and-towns/iwm-framework>.

Recognising Aboriginal values in water planning and management

The Central Highlands Region IWM Forum is committed to working in partnership with Aboriginal Victorians across landscapes, communities and natural resources.

The Forum recognises that Traditional Owners throughout the region are unique to Country and their involvement in IWM planning will be specific to each planning area.

Organisations involved in IWM have obligations to involve Traditional Owners and consider Aboriginal values in their organisational activities, particularly where there is a Recognition and Settlement Agreement in place. The Forum will continue to work with Traditional Owner groups to determine the appropriate approach and level of involvement in IWM planning process and projects.

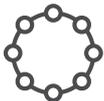
Continued success through collaboration

Phase One of the IWM Forum cycle has established an enabling environment for Victoria's water sector stakeholders to develop shared IWM objectives and overcome sectoral, institutional and geographic boundaries through collaboration. This phase was guided by the experience and knowledge of the Forum Members and resulted in the delivery of this Strategic Directions Statement (SDS).

Phase Two of the IWM Forum cycle will assume a more strategic approach to successful IWM implementation and planning for the Forum Area. It is anticipated that the IWM Forum collaborative partners will continue use their best endeavours to advance priority IWM opportunities through regular meetings and future Forums. Forum Members will also continue to assess the feasibility of additional IWM opportunities identified in Phase One.

Phase Two will create an opportunity to evaluate and share learnings from Phase One. It will also optimise resources and explore the development of innovative tools and approaches that plan for, and respond to, water supply and demand in the future.

Forum process: Summary of planned phases

	Outcomes	Participants
Phase I		
	<p>Establish</p> <p>Organisational leaders come together in collaborative IWM Forums and Working Groups to discuss integrated water management challenges, opportunities and priorities for each region</p>	<p>Preliminary work on regional characterisation and collaborative governance</p> <p>Agree vision, objectives and goals</p> <p>Agree criteria for selection and prioritisation of IWM opportunities</p> <p>IWM opportunities identified and prioritised</p> <p>Collaboratively develop and endorse Strategic Directions Statement for each region</p>
		<p>Local governments</p> <p>Catchment Management Authorities</p> <p>Water corporations</p> <p>Traditional Owners</p> <p>Department of Environment, Land, Water and Planning</p> <p>Chair</p> <p>Others as relevant</p>
↓		
Phase II		
	<p>Planning</p> <p>Cultivate a collaborative culture to progress IWM opportunities</p>	<p>Co-design and agree on Terms of Reference, governance structure, stakeholder engagement and/or community participatory planning guidance for IWM project/strategy</p>
		<p>Collaborative partners</p> <p>Community representatives</p> <p>Others as relevant</p>
↓		
	<p>Progress</p> <p>Forum Members use best endeavours to progress IWM opportunities to next stage</p>	<p>IWM Project Groups initiate work as per identified project/strategy status, including: feasibility assessment; technical and economic analysis; cost allocation; business case development</p> <p>Strategic enablers for IWM progressed by DELWP with support from Forum Members</p> <p>IWM Project Groups report progress to IWM Forums</p>
		<p>Collaborative partners</p> <p>Individual organisations who have committed to a project/strategy</p> <p>Community representatives</p> <p>Relevant stakeholders</p>
↓		
	<p>Incorporate</p> <p>Collaborative Partner organisations incorporate relevant elements of IWM in their own plans, guidelines or frameworks</p>	<p>IWM Project Groups to take IWM commitments (projects and strategies) to their Board or Councils for investment endorsement</p> <p>IWM Project Groups incorporate elements into their own organisational planning systems, e.g. Council and corporate plans, Construction Guidelines, etc.</p> <p>Report back to IWM Forum</p>
		<p>Individual organisations who have committed to deliver a project/strategy</p>
↓		
	<p>Realise</p> <p>IWM benefits are realised following implementation of project/strategy</p>	<p>Application of practical IWM tools and innovative approaches</p> <p>Additional community value added through participatory planning</p> <p>Monitoring and evaluation of key measures and outcomes</p> <p>Economic savings through shared resources, costs, etc.</p> <p>Improved resilience and liveability of cities and towns</p>
		<p>Collaborative partners</p> <p>Individual organisations who have committed to a project/strategy</p> <p>Community representatives</p> <p>Others as relevant</p>
↓		
Phase III		
	<p>Prepare</p> <p>IWM Forums prepare to refresh the Strategic Directions Statement</p>	<p>Collaborative partners prepare for next round of IWM Forums</p> <p>IWM Forums collaboratively review key learnings and outcomes from Phase I & II, including catchment-scale IWM Strategy and progress on strategic enablers</p> <p>Next round of IWM opportunity identification and prioritisation</p>
		<p>Collaborative partners</p>



Next 12-18 months

The feasibility of IWM opportunities will be continually reviewed and assessed in Phase II to confirm the need for specific IWM projects/strategies





Chapter 2

IWM in the Region

Understanding why an integrated approach to water planning and management is critical for the Central Highlands IWM Region now and for the future.



Aerial view of Lake Wendouree, Ballarat. Courtesy City of Ballarat

Vision and outcome areas for the Central Highlands IWM Forum Region

Outcomes



Safe, secure and affordable supplies in an uncertain future



Effective and affordable wastewater systems



Avoided or minimised existing and future flood risks



Healthy and valued waterways, wetlands and water bodies

Objectives

A diverse range of water supplies and resources which are fit for purpose

Meets public health and environmental standards

Communities and properties that are resilient to local flood risk

Improved water quality

Water quality meets regulatory standards and community expectations

Efficient and effective wastewater systems with servicing needs aligned with future town and land use planning

Appropriate levels of flood protection and mitigation including adaptation for climate change

Improved stream flow patterns

Efficiently and effectively manage water usage and demand

Waste-to-resource opportunities are maximised

Proactive planning to prepare for and manage flood risk

Improved biodiversity and amenity of riparian corridors and edges

Secure and adaptable water supply portfolios

Working together to leverage opportunities across the water cycle to deliver a healthy, resilient and prosperous future for the region and its communities.

The region is seeking to achieve seven key outcomes through IWM. Each of these will have a significant role in shaping the liveability, prosperity and resilience of our cities and towns. These outcome areas provide indicators to assess the effectiveness of the various IWM opportunities, recognising that these outcomes are in themselves co-dependant.



Low-emission solutions

IWM opportunities that minimise the release of greenhouse gas (GHGs) emissions will be considered by the Forum as solutions are evaluated for implementation.



Healthy and valued landscapes

Active and passive recreation supported by water

Improved connectivity and access for active transport links

Urban landscapes retain moisture for cooler, greener cities and towns



Community values reflected in place-based planning

Diverse landscapes that reflect local conditions and community values

Traditional owner values, needs and aspirations associated with water protected, enhanced and reintroduced

Water sensitive communities that are empowered and engaged



Jobs, economic benefits and innovation

Jobs and local economies, including industry, tourism and agriculture, supported by water

Strong governance and collaboration models that evolve to deliver innovative solutions

Local water related risks and issues are understood and managed by community

Regional context

The Central Highlands IWM Forum region covers an area of approximately 9,275 square kilometres, extending from Rokewood in the south to Redbank in the north, reaching as far as Ballan and Daylesford to the east and Navarre in the west. Ballarat is the largest city in the region by a substantial margin, though other large towns include Maryborough, Daylesford and Ballan. The region includes more than 60 smaller towns, making the region and its water opportunities very diverse.

The Central Highlands region is positioned on high ground, and occupies the top of the catchment of nine major river systems. This gives the region unique challenges and opportunities in terms of water management. Average annual rainfall varies significantly across the region, from near 800mm east of Ballarat to only 400mm in the north of the region.

Population

The region has an estimated population of 160,000, which is forecast to grow to 225,000 by 2040. This growth will be felt across a majority of the major urban centres of the region, with the highest growth predicted in Ballarat.ⁱ Ballarat's population is expected to more than double in the next 50 years, with the majority of growth expected in large growth areas in the west of Ballarat and further growth areas being investigated.

Climate Change

The Central Highlands Region faces a warmer and drier future. By 2070, average annual temperatures across the region are projected to rise by 1.4°C to 2.5°C (median value). This will be amplified in urban centres due to

the prevalence of darker and harder surfaces, leading to environmental and human health impacts. Ensuring the provision of fit for purpose water for the region's urban greening will be a key priority in enhancing liveability and resilience for the community and environment.

The average annual rainfall is predicted to decrease by 6-7 per cent by 2070 (median value) – primarily impacting the 'cool' season – while there is also an expectation of a year-round increase in temperatures.

This presents a challenge for the region, as there will be an increased demand for urban water resulting from population growth together with a hotter drier climate. The average annual rainfall is predicted to decrease by five per cent by 2070 (median value) – primarily impacting the 'cool' season – while there is also an expectation of a year-round increase in temperatures. This presents a challenge for the region, as there will be an increased demand for urban water resulting from population growth together with a hotter drier climate.ⁱⁱ



Irrigator spraying onto crops. Courtesy: Central Highlands Water



Central Highlands

POPULATION GROWTH

160,000 NOW (2018)

225,000 BY 2040 ¹



40%
INCREASE



THE REGION

- DRYLAND PASTURE **63%**
- NON-FARMLAND **20%** (RURAL LIVING, ROADS AND WATER BODIES)
- BROAD ACRE CROPPING **8%**
- NATIVE VEGETATION **5%**
- HORTICULTURE **3%**
- URBAN **1%**

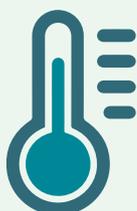


CHANGE IN RAINFALL



6-7%
DECREASE

BY 2070 ²



TEMPERATURE



1.4-2.5°C
INCREASE

BY 2070 ³

WATERWAYS

50%
CORANGAMITE

46%
NORTH CENTRAL



IN 'MODERATE'
STREAM CONDITION ⁴

¹ Victoria in Future

² Guidelines for Assessing the Impact of Climate Change on Water Supplies in Victoria (2016)

³ Guidelines for Assessing the Impact of Climate Change on Water Supplies in Victoria (2016)

⁴ Corangamite CMA Waterway Strategy and North Central CMA Waterway Strategy





The case for IWM in the Region



Safe, secure and affordable supplies in an uncertain future

The Central Highlands region sources water from a number of catchments both locally within the region, and from outside the region via the Goldfields Superpipe. The Goldfields Superpipe is an important element of the Victorian water grid, which provides water from northern Victoria to ensure security of supply for urban customers in Ballarat. The primary source of water for the region is surface water and groundwater supplies along with local utilisation of recycled water and urban stormwater.

Potable water services are currently provided to cities and towns in the region via 15 water supply systems. The Region faces several challenges over the next 50 years from climate change impacts on supply and a steadily increasing population. Urban water supply is relatively secure, though some scenarios could result in shortfalls in some towns if future actions are not implemented. The provision of alternative water sources and demand management are key strategies to avoid shortfalls.ⁱⁱⁱ



Passive irrigation of street trees with stormwater. Courtesy: e2Design Lab

During the drought, Ballarat sought to harness stormwater as a new water source for the City, and created a network of wetlands to treat stormwater for reuse and to supplement Lake Wendouree. Recycled water and groundwater supplies were also harnessed to make Ballarat an example of integrated water management in action. Central Highlands Water has also committed to developing an IWM Plan for Maryborough, Daylesford and Ballan.

Partners in the region are currently working to consider the viability of a new reticulated potable water supply to support economic development at Moonambel and a potential upgrade to improve water quality at Amphitheatre.



Effective and affordable wastewater systems

There are reticulated sewage systems to nearly 59,000 properties across the region. These systems collect and treat sewage at 13 wastewater management facilities.^{iv} In addition to these facilities there are many small towns in the region which typically use onsite septic systems to treat their wastewater. Small town wastewater management is an important issue across the region from an environmental, health, technical, governance and financial perspective. The most effective strategy for wastewater management combined with town planning and the provision of other infrastructure needs is being investigated through partnerships between local councils and Central Highlands Water in towns including Talbot, Wallace and Bungaree. A major upgrade program to the Blackwood septic management scheme is also being delivered by multiple partner organisations.

There are currently 18 water reclamation schemes in the Central Highlands region. These deliver Class A, B and C water to sites operated both by Central Highlands Water and third-party customers.^v Recycled water is primarily utilised for irrigation of agricultural land and local sporting facilities and parks. Recycled water use in the region totals around 1.6 gigalitres (GL), while additional treated wastewater is reused for operational purposes. The remainder of treated wastewater (approximately 7 GL), primarily originating in the Ballarat area, is returned to waterways. Future 'excess' treated wastewater is an important potential resource for the region.



Avoided or minimised existing and future flood risks

Floodplains are a valued part of the ecosystem in the Central Highlands region. The 'flooding' process provides essential nutrients to the region's agricultural land, but major flood events can also have significant impacts on agricultural economies.

In an urban context, flooding is more of a challenge. The major urban centre of Ballarat as well as many smaller centres are located on waterways and floodplains. Significant economic damage has been experienced from flooding on several occasions, with notable events effecting Ballarat CBD, Miners Rest and Delacombe, as well as the towns of Carisbrook, Clunes and Creswick. Climate change is predicted to bring more intense rainfall events which may create further flooding challenges. It is essential to manage the economic, social, environmental and cultural values from floodplains in a balanced way whilst also having regard for their inherent risks. This will be particularly relevant in the context of increased extreme rainfall events, urban growth and increased imperviousness in catchments.

Projects to reduce flood risk to homes and businesses often provide an opportunity to support IWM. Retention basins in open space areas can also be utilised as water treatment areas or providing dual storage for flood retention and water harvesting. Integration of green infrastructure also contributes to reduced flows to drainage systems, helping to reduce flood risk in urban areas.



Healthy and valued waterways, wetlands and water bodies

Positioned high in a number of catchments, the region incorporates areas managed by four catchment management authorities – North Central, Glenelg Hopkins, Corangamite and Wimmera. Each has identified priority waterways their respective Regional Waterway Strategies^{vi}, including the Yarrowee–Leigh, Moorabool, Avoca and Loddon River as well as a number of important smaller waterways such as Tullaroop Creek and Burrumbeet Creek. Some waterways are also important for urban supplies and have significant public health benefits. The Leigh and Moorabool Rivers are also key contributors to RAMSAR listed wetlands in the Barwon region. There are a series of important waterbodies and wetlands in the region that provide ecological, amenity and recreational benefits, including Lake Burrumbeet, Lake Wendouree, Lake Victoria and Daylesford Lake. In many cases, waterbodies and waterways provide a centrepiece to the towns in the region, influencing the identity, character and economic success of local communities. The well-documented drying of Lake Wendouree in Ballarat had serious economic effects for local businesses and communities.

Waterways, wetlands and waterbodies of the region are embraced by the urban and rural communities for their aesthetic, recreational, tourism and restorative appeal. These values are challenged by poor water quality and are suffering from degradation due to surface water runoff from impervious surfaces, untreated stormwater and wastewater discharges. Some waterways are also suffering from flow stress due to water extractions for urban supply, agricultural and stock water.

There is a need to take a whole of catchment approach to waterway health, recognising both the urban and rural impacts on waterways and waterbodies and the varying needs and values connected to waterways. Many of the waterways and wetlands in the area contain a rich and diverse range of important cultural heritage sites and form a culturally important and significant part of country for Traditional Owner groups in the region. Empowering Traditional Owners to restore and enhance waterways and riparian land will support passing on of healthy water to neighbouring groups and the restoration of significant sites. Dja Dja Wurrung Clans Aboriginal Corporation already have an active Care for Country team, and this is a focus for Wadawurrung to develop in the medium-term.



Healthy and valued landscapes

Healthy landscapes are valued in the Central Highlands region, playing a key role in the success of urban and rural communities.

The support of well-connected public open space and recreational areas within the urban environment are important for liveability, health and well-being. The landscapes adjoining waterways are often important for active transportation and recreation. Corangamite CMA and City of Ballarat have actively invested in improving parts of the Yarrowee River corridor through the Breathing Life into the Yarrowee project, and the Living Moorabool Project brings focus to improving the health of the Moorabool River.

Many of the Councils in the region are actively promoting healthy and valued landscapes that integrate land use and water planning. The award-winning Greening Ballarat: A Green-Blue City Action Plan aims to green Ballarat while harnessing stormwater as a key resource. The City of Ballarat has a target for 40% tree canopy cover for the city which outlines its ambition. Other councils in the region have similar plans and recognise greening as a key strategy to underpin economic activity and well-being outcomes.

Healthy rural landscapes are also a priority in the region, and there is often a close connection between urban and rural land and water management. Agriculture is a key support industry for rural towns and also a large water user. Urban areas generate recycled water and stormwater which can be utilised to support nearby rural water needs in some areas, creating a mutually beneficial relationship between economies.



Community values reflected in place-based planning

The relationship between public health and wellbeing, and the environment is becoming increasingly recognised as an area of importance. The creation of greener neighbourhoods and providing residents with access to waterways and green space has the potential to support environmental, social and economic outcomes.

Development of new areas and redevelopment of existing areas provides an opportunity to actively engage communities in planning and design, helping to increase dialogue to aid understanding and education around water. Key development areas such as Ballarat West provide opportunities to enhance local waterways, deliver recreational space and harness new water sources to achieve benefits for communities, including health and well-being. Given the diversity of urban areas in the region, there is a need for a similarly diverse approach to engage and recognise community needs.



Jobs, economic benefits and innovation

Major industries in the region include manufacturing (including food processing), mining and agriculture. One of the economic strengths of the region is its diversity. The regional economy is projected to grow, and education, tourism and hospitality display higher growth in recent times than traditional industries.

Several studies have captured the potential for the region to develop innovative food production systems to meet the demands of a growing population. These could include increased utilisation of hydroponics and aquaculture as well as expansion of the diversity of primary production to include more viticulture and horticulture. A sustainable water supply will be an asset to the region in developing and expanding these industries.

Water plays a key role in supporting industry and economic development in the region. The potential for reticulated water and sewerage services in some small towns has been highlighted as a potential catalyst for regional growth and development. The significant tourism and recreation economy in the region is also strongly linked to the health and amenity provided by the region's waterways, lakes and towns. Raw and recycled water supplies also support agricultural economies in the region. As water supply challenges emerge, there is opportunity for innovation and collaboration with industry to ensure economic development and water planning are coordinated.

Success stories

The Central Highlands region has many examples of successfully delivering integrated water management plans and projects through collaboration between state and local government, regional agencies, communities, planning bodies, education institutions and the private sector. The two case studies below highlight a proven ability to work collaboratively, respond to challenges, identify opportunities, plan for success and deliver outcomes across the region.

Evolution of waterway care in the Central Highlands Region

Stakeholder collaboration, strategy development and implementation of on-ground works has evolved considerably for waterways across the Central Highlands region. A coordinated effort and a strong focus on integration, community participation, values and aspirations has enabled priorities to be set, regional work programs to be outlined and investment to be guided by clear strategies for our rivers and wetlands.

The Regional Waterway Strategies utilise community involvement to define outcomes and actions for our waterways. They align with the directions and policies of the Victorian Waterway Management Strategy and the objectives and actions from Regional Catchment Strategies. They also build on and replace the foundation work that was created with the development of River Health Strategies in the mid-2000s.

Increasingly, the management of waterways considers the range of economic, social, environmental and cultural values a waterway can provide. Waterways are often a focal point for collaboration where Catchment Management Authorities, Traditional Owners, Councils, Water



Yarrowee River. Courtesy: Central Highlands Water

Authorities and community groups work together to achieve multiple outcomes. A range of collaborative initiatives have also shaped on-ground action to deliver key waterway projects and improvements, including:

- Living Moorabool Project
- Breathing Life into the Yarrowee Project
- Harnessing Ballarat's Stormwater
- Victorian Volcanic Plains and Land Stewardship Project
- Connected Landscapes Project
- Implementing seasonal watering proposals
- Delivering detailed work programs within catchment zones
- Using partnership delivery models with public and private land managers, water corporations, local government and the community (e.g. Landcare networks, Friends groups and Waterwatch) under the framework of integrated catchment management.

Ballarat Urban Water Supply Journey

At the height of millennium drought, Ballarat was a city in water crisis with dry lakes, brown recreational areas, dusty sporting grounds, floundering gardens and community event cancellations. It was a city struggling to maintain its basic drinking water needs. The impact of the loss of aquatic recreational events and tourism due to a dry or depleted Lake Wendouree and restricted irrigation of the Ballarat Botanical Gardens during the drought had an \$18.9 million per year impact on the local economy.

Over the past decade, the planning paradigm has shifted from responsive crisis mode to a systematic planning approach. This evolution of planning maturity initially created a series of collaborative projects and initiatives that alleviated drought impacts and generated support and leverage to create long term plans and build a secure water future. This commitment to strengthening the community through collaboration and sustainable

planning has culminated in an ongoing commitment to utilising integrated water management approaches to create green-blue community infrastructure.

In 2005 a long term solution was developed for Lake Wendouree comprising the provision of 600ML/year of recycled water from the Ballarat North Wastewater Treatment Plant and 250ML/year from stormwater harvesting. Following the success of this solution, the City of Ballarat identified that lake water could be used for irrigating not only the Ballarat Botanical Gardens, but a range of sporting facilities and local parks. As a result, an enlarged stormwater harvesting and distribution scheme was progressively implemented from 2010 to 2012, to provide a secure supply of non-drinking water to maintain Ballarat's major gardens and sports venues.

Since then Ballarat has furthered its integrated water management journey with the delivery of key strategies, plans and projects for the Ballarat community, including:

- Ballarat North Class A Recycled Water Facility
- Greening Schools Project
- Ballarat West Groundwater Project
- Greening Ballarat, A Green-Blue City Action Plan
- A Greener More Vibrant and Connected Ballarat
- Flood Risk and Opportunity Mapping
- Central Highlands Water Urban Water Strategy
- Ballarat Integrated Water Management Plan

Moving forward the focus remains around implementing integrated water management actions, investigations and projects to deliver on the community's vision of "a greener, more liveable and prosperous water future for the city and towns of the Ballarat region".



Greening Schools Project. Courtesy: Central Highlands Water



Ballarat North Class A Recycled Water Facility. Courtesy: Central Highlands Water



Chapter 3

IWM opportunities

A portfolio of IWM projects and strategies for which IWM collaborative partners have committed themselves to applying their best endeavours to progress.

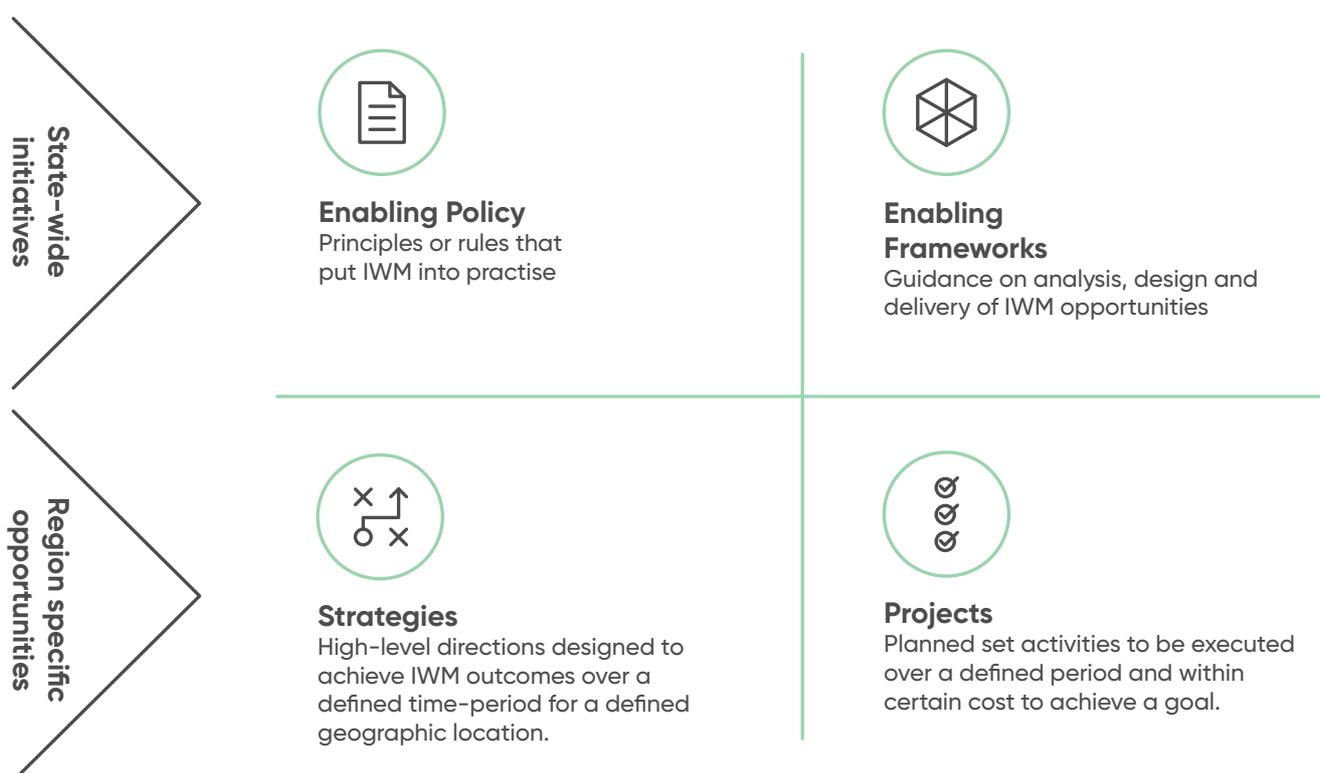
State-wide and region specific initiatives

This document outlines priority IWM opportunities for the Central Highlands region. This includes strategies that will direct IWM in the region and specific projects that will deliver outcomes on-the-ground. To ensure IWM opportunities are successful and delivered efficiently, work is also being done at a state-wide level.

Across Victoria, IWM Forum members are identifying a range of strategic policy and framework enablers to address barriers to integrated water management and planning and achieve water related benefits in priority areas. A prioritised list of enabling policies and frameworks is being consolidated by DELWP.

A Resilient Cities and Towns (RCT) Reference Group has been established to support the implementation of integrated water management and planning across the state. The Reference Group provides advice to DELWP on the development and implementation of key initiatives in relation to policy, processes or knowledge gaps.

IWM framework at a State-wide and regional level

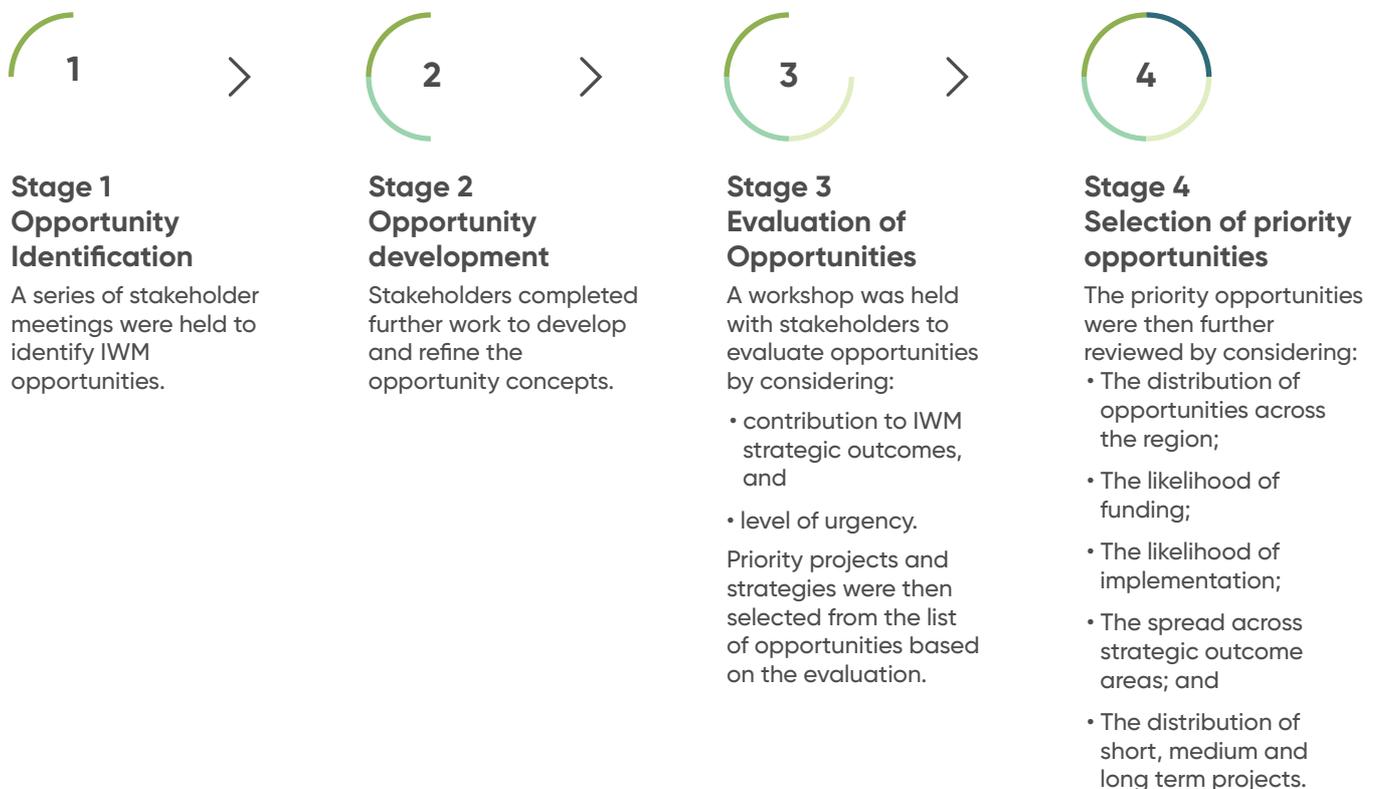


IWM opportunities: How were they selected?

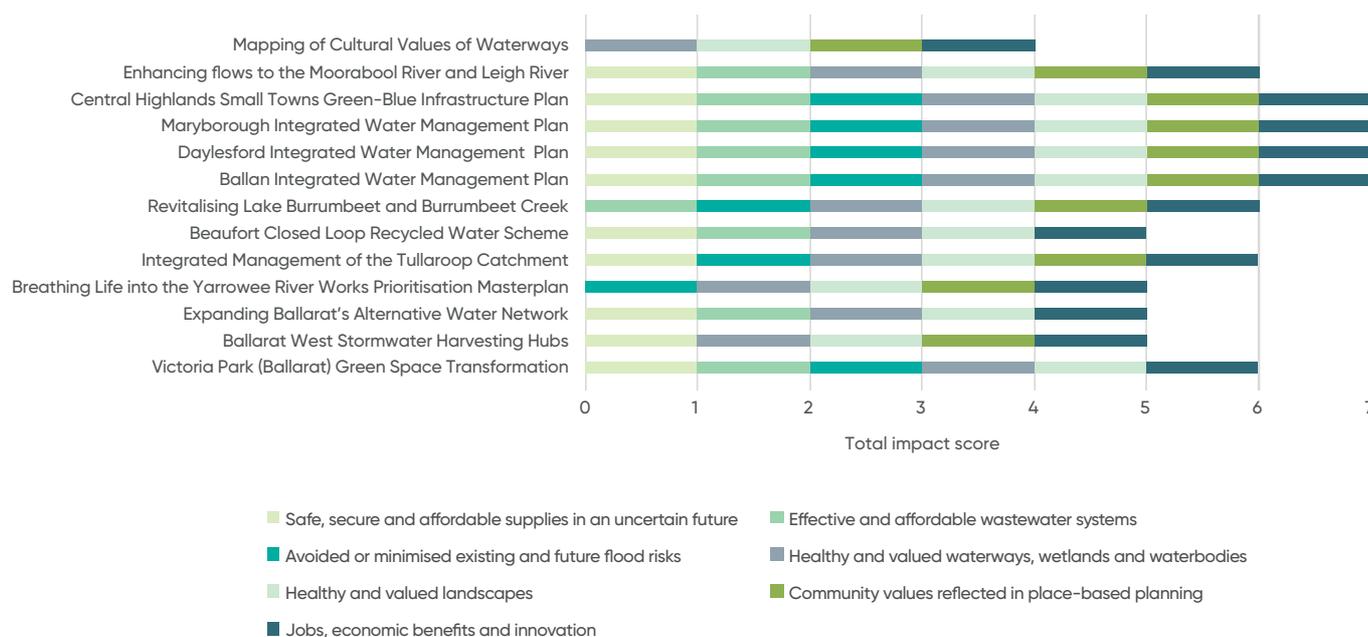
IWM opportunities that link to and address IWM challenges for the region were identified and developed by the nominated practitioners of participating organisations. The process was an iterative, transparent and inclusive approach, as outlined below.

This list of opportunities is dynamic and will be reviewed and updated as required to reflect the Forum's priorities.

The IWM opportunity prioritisation process



Impact of IWM opportunities on the Forum's strategic outcomes

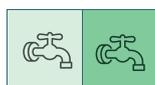


IWM project & strategy opportunities – overview

IWM opportunity	Strategic outcomes							Location	Scale
Mapping of Cultural Values of Waterways								Wadawurrung and Dja Dja Wurrung Country	Inter-forum
Enhancing flows to the Moorabool River and Leigh River								Ballarat and Moorabool River	Inter-forum
Central Highlands Small Towns Green-Blue Infrastructure Plan								Region-wide	Forum area
Maryborough Integrated Water Management Plan								Maryborough and Carisbrook	Town/City
Daylesford Integrated Water Management Plan								Daylesford	Town/City
Ballan Integrated Water Management Plan								Ballan	Town/City
Revitalising Lake Burrumbeet and Burrumbeet Creek								Burrumbeet catchment	Sub-catchment
Beaufort Closed Loop Recycled Water Scheme								Beaufort	Town/City
Integrated Management of the Tullaroop Catchment								Tullaroop Creek catchment	Sub-catchment
Breathing Life into the Yarrowee River Works Prioritisation Masterplan								Yarrowee River	Sub-catchment
Expanding Ballarat's Alternative Water Network								Ballarat	Lot scale
Ballarat West Stormwater Harvesting Hubs								Ballarat West	Lot scale
Victoria Park (Ballarat) Green Space Transformation								Ballarat	Lot scale

The status of each IWM opportunity included in the Priority Portfolio reflects the phase of work to be undertaken in this time period.

Shade scale



No Impact Impact

A summarised list of priority IWM opportunities is shown in the table below, with more detail in the following section. Please note that this list is dynamic and will continue to be updated to reflect the current Central Highlands Region IWM Forum's priorities and opportunities.

The projects are grouped in four themes, but are not ranked. Partners of the Forum are committing their best endeavours to ensure priority projects and strategies are progressed in line with the shared vision and strategic outcomes of the IWM Forum.

Lead agency for collaborative opportunity	Quick win	Status
Wadawurrung AC and Dja Dja Wurrung AC	Y	
Corangamite CMA, Wadawurrung AC	N	
Central Highlands Cluster of Councils	N	
Central Highlands Water	Y	
Central Highlands Water	N	
Central Highlands Water	N	
DELWP Grampians and Glenelg Hopkins CMA	Y	
Pyrenees Shire Council	Y	
North Central CMA	Y	
City of Ballarat	Y	
Central Highlands Water	Y	
City of Ballarat	Y	
City of Ballarat	Y	

Project opportunity status



Strategy opportunity status



Priority Portfolio of IWM projects and strategies

Regional enablers

Three projects have been identified which would enable the delivery of IWM across the region. These are highly collaborative opportunities with broad reach that will benefit a large number of stakeholders and support and elevate integrated water management.

ACTION CH1

Mapping of the Cultural Values of Waterways

There is an opportunity to identify and map cultural sites and values along waterway corridors in the region. This will create a knowledge base that can be managed by traditional owner groups and used to inform management of waterways and water bodies.

This knowledge base can feed into Cultural Heritage Management Plans to streamline the process, but can also provide a clear pathway for traditional owner involvement and management of information.

A similar process has been piloted by the Murray Lower Darling Rivers Indigenous Nations (MLDRIN) group of Traditional Owners to facilitate collaboration.

This project is an initial stage whereby Traditional Owners can build a knowledge base and resources to ultimately support Care for Country teams taking an active role in waterway management. Priority reaches will be identified as first projects, and these may include other waterway projects listed in this document.

Next steps

1. Assemble stakeholders and secure commitment to an agreed initial scope of works
2. Secure funding and resources
3. Identify initial waterways for survey and mapping

Status	<div style="width: 20px; height: 10px; background-color: #c8e6c9;"></div>
Lead Agency	Wadawurrung + Dja Dja Wurrung Clans Aboriginal Corporation
Implementation Partners	North Central Catchment Management Authority, Corangamite Catchment Management Authority, Glenelg Hopkins Catchment Management Authority, DELWP Grampians, Central Highlands Water, Local Councils
Location	Wudawurrung and Dja Dja Wurrung Country
Cost	To be estimated
Timeframe	Complete initial waterway mapping in 1-3 years
Scale	Inter-forum



Mooroobull Yaluk Kuwin River Day with Wadawurrung Community. Courtesy: Wadawurrung

ACTION CH2

Enhancing flows to the Moorabool River and the Leigh River

The Moorabool and Leigh River are on the Traditional Lands of the Wadawurrung people who have had an ongoing connection with the river for thousands of generations.

The Moorabool River is one of the most stressed waterways in the state, and the Leigh River is heavily influenced by stormwater and treated wastewater inflows from Ballarat. Both rivers flow into the Barwon and Lower Barwon River which contains RAMSAR listed wetlands. Climate change and growing populations in both Ballarat and Geelong will continue to place further pressure on these significant river systems. Improvements to the volume and timing of inflows to these rivers will protect the plants and animals dependent on them. Protecting the diversity of life dependent on the rivers is critical to maintaining both environmental and cultural values into the future, particularly as climate change and other impacts influence natural flows.

The Ballarat IWM Plan examined possible long term options to capture and harness both recycled water and stormwater flows from urban Ballarat to supplement flows in the Moorabool River, either via offsets supplied from Lal Lal Reservoir in lieu of local alternative water supplies in Ballarat, or by direct transfer. This management of urban flows from Ballarat could also benefit the Leigh River. The following actions were recommended by the plan to determine a preferred strategy, in the next 2-3 years:

- Undertake a study for the Yarrowee-Leigh to understand the cultural and environmental flow needs of the river. Flow recommendations and water recovery targets are already in place for the Moorabool River.
- Once new local diverse supply options have been identified and the corresponding water recovery volumes and timing are calculated, environmental and cultural outcomes to the Moorabool and Yarrowee/Leigh Rivers will be able to be assessed against the flow requirements of these important river systems.

The Long Term Water Resource Assessment (LTWRA) and Central Region Sustainable Water Strategy (SWS) will consider the overall strategy for the rivers and associated supplies across the broader area, but this project will produce important information to feed into the SWS.

Next steps

1. Secure resources and/or funding
2. Complete investigations required to underpin feasibility of offset or transfer options

	
Status	
Lead Agency	Corangamite CMA, Wadawurrung
Implementation Partners	Central Highlands Water, City of Ballarat, Moorabool Shire Council, Southern Rural Water, DELWP, Barwon Water
Location	Moorabool and Leigh River Catchments
Cost	<\$100,000 for system modelling \$100,000 for improved monitoring
Timeframe	Short-term investigations to be completed within 2 years to support the long-term options
Scale	Inter-forum



Moorabool River.
Courtesy: Corangamite CMA

ACTION CH3

Central Highlands Small Towns Green-Blue Infrastructure Plan

While the major urban areas in the Central Highlands Region (Ballarat, Maryborough, Daylesford and Ballan) will be the subject of dedicated IWM Plans, there are many other smaller towns across the region where there are excellent opportunities to deliver IWM outcomes, especially green-blue infrastructure.

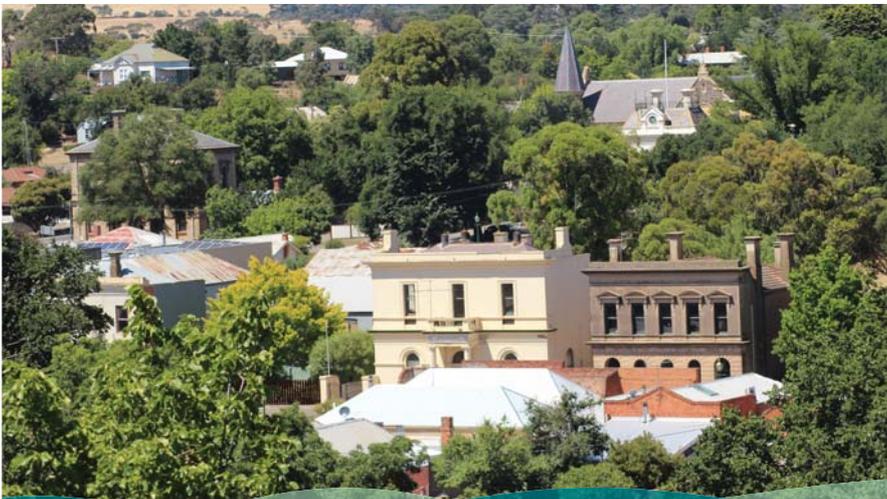
This plan for small towns in the region would identify, review and prioritise opportunities against a consistent set of criteria and then include case studies and design templates for delivery of common types of green-blue infrastructure that are appropriate to small towns. By developing this plan at a region wide scale, it will become an efficient analysis, and allow the best investments to be taken forward by partners. It is also an opportunity for capacity building and knowledge sharing in shire councils. As this is a collaborative project across councils in the region, seed funding is needed to support the project.

It is expected the key green-blue infrastructure opportunities in small towns will include:

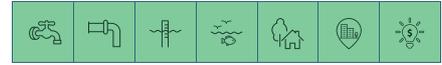
- Urban water alternative supply schemes for ovals, parks and local industry;
- Street tree and urban greening projects supported by water;
- Urban waterway restoration and improvement;
- WSUD and stormwater management projects;
- Planning controls and policies to influence developments in greenfield and infill areas.

Next steps

1. Develop scope with partners
2. Obtain funding for collaborative project and assign project officer
3. Assemble project control group



The town of Clunes. Courtesy: Hepburn Shire Council



Status	██████████
Lead Agency	Central Highlands Councils Victoria (CHCV)
Implementation Partners	Hepburn Shire Council, Moorabool Shire Council, Golden Plains Shire Council, City of Ballarat, Central Goldfields Shire Council, Pyrenees Shire Council, Central Highlands Water, DELWP, Dja Dja Wurrung Clans Aboriginal Corporation, Wadawurrung
Location	Region-wide
Cost	\$50,000 - \$100,000
Timeframe	Medium-term
Scale	Forum area

Prioritising action in major urban centres

Alongside Ballarat, where prioritisation of IWM projects has recently been done under the Ballarat IWM Plan, there are three major urban areas in the region where opportunities need to be scoped and prioritised for action. IWM Plans are planned for each town, with work already underway in Maryborough.

ACTION CH4

Maryborough Integrated Water Management Plan

An IWM Plan is currently being developed for Maryborough (including the neighbouring areas of Carisbrook and Flagstaff). The objectives of the Plan are to enhance water resources, support urban greening and liveability, improve the health of local waterways and water bodies and drive economic and social benefits in the area. The Plan considers all aspects of the urban water cycle and will prioritise a series of IWM projects for detailed analysis. The priority projects emerging from the Plan which will deliver the greatest benefits to Maryborough include:

- Creation of a non-potable water supply network to key demands across the town.
- Harnessing stormwater for local irrigation demands and as a strategy for salinity reduction in recycled water.
- Enhancement of Lake Victoria through improvement of amenity and water quality.
- Linking of urban lakes including Lake Victoria, Phillips Gardens and Goldfields Reservoir to provide additional storage and amenity.
- Support of tree planting through passive irrigation to enhance amenity and greening through utilisation of stormwater.
- Support of flood mitigation initiatives prioritised through the Carisbrook and Maryborough Flood Management Plans.

Next steps

1. Complete IWM Plan
2. Release for public comment and finalise Plan
3. Implement recommended projects

Status	
Lead Agency	Central Highlands Water
Implementation Partners	Central Goldfields Shire Council, North Central CMA, DELWP, Dja Dja Wurrung Clans Aboriginal Corporation
Location	Maryborough
Cost	\$100,000 (Funded)
Timeframe	Completed in 2018/19
Scale	Town/city



Maryborough.
Courtesy: Central Goldfields Shire Council

ACTION CH5

Daylesford Integrated Water Management Plan

Daylesford is the third largest urban area in the Central Highlands region, and a town where ongoing growth is forecast. Daylesford and the surrounding communities are an important regional hub with a strong tourism, visitor economy and active communities.

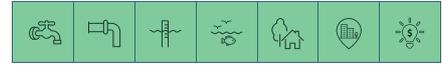
An IWM Plan for Daylesford, Hepburn Springs and surrounding townships would articulate a community vision and identify IWM opportunities to deliver the vision. The IWM Plan will outline priority projects for implementation by Hepburn Shire Council, Central Highlands Water and North Central CMA

These IWM projects would enhance amenity and health of green assets, waterways and waterbodies in the area.

Building on the methodologies established for the Ballarat and the Maryborough IWM Plan, the Daylesford IWM Plan will be delivered in 2019/20. It will consider the whole water cycle and identify and prioritise IWM projects and actions.

Next steps

1. Assemble project control group
2. Develop scope of works for Plan
3. Consult with stakeholders and community
4. Develop IWM Plan



Status	<div style="width: 100%; height: 10px; background-color: #ccc;"></div>
Lead Agency	Central Highlands Water
Implementation Partners	Hepburn Shire Council, North Central CMA, DELWP Grampians, Goulburn Murray Water, Regional Development Victoria, Dja Dja Wurrung Clans Aboriginal Corporation.
Location	Daylesford
Cost	\$100,000 - \$150,000
Timeframe	Planned for 2019/20
Scale	Town/city



Lake Daylesford. Courtesy: Hepburn Shire Council

ACTION CH6

Ballan Integrated Water Management Plan

Ballan is a growing urban area in the Central Highlands Water region, which also lies in the Werribee IWM Forum area. There is opportunity to collaborate across Forum areas to develop a holistic IWM Plan for the town, which is forecast to grow substantially. The town's water supply is drawn from the same network that supplies Ballarat and also impacts on the flow-stressed Moorabool River.

Ballan is an important regional town and a growth area close to Melbourne. There is opportunity for IWM projects to enhance amenity and health of green assets, waterways and waterbodies in the town.

The plan would articulate a community vision and identify IWM opportunities to deliver the vision and outline priority projects for implementation by Moorabool Shire Council, Central Highlands Water and Melbourne Water.

Building on the methodologies established for the Ballarat and the Maryborough IWM Plan, the Ballan IWM Plan will be delivered in 2020/2021. It will consider the whole water cycle and identify and prioritise IWM projects and actions. This project would be coordinated with the Werribee IWM Forum since Ballan sits on the border of the forums.

Next steps

1. Assemble project control group
2. Develop scope of works for Plan
3. Consult with stakeholders and community
4. Develop IWM Plan

	
Status	<div style="width: 100%; height: 10px; background-color: #ccc;"></div>
Lead Agency	Central Highlands Water
Implementation Partners	Moorabool Shire Council, Melbourne Water, Southern Rural Water, Wadawurrung, Werribee IWM Forum
Location	Ballan
Cost	\$100,000
Timeframe	Planned for 2020/2021
Scale	Town/city



Ballan new tank and old basin. Courtesy: Central Highlands Water

ACTION CH7

Revitalising Lake Burrumbeet and Burrumbeet Creek

There is an opportunity to revitalise sections of Burrumbeet Creek and improve Lake Burrumbeet through collaborative planning and investment, bringing great benefit to communities in Ballarat and Traditional Owners as well as visitors, protecting and enhancing natural and cultural values and improving these priority assets.

Lake Burrumbeet and its feeding creek, Burrumbeet Creek (which runs through northern Ballarat) are currently managed and influenced by a range of organisations, but no overarching action plan exists. This project will work with the community and key stakeholders to develop a coordinated plan for action for creek and the lake.

Specific actions for Lake Burrumbeet:

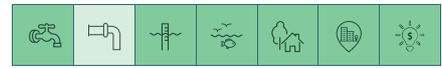
- An integrated plan for management and use that will take into account natural, cultural and recreational values and future aspirations for the Lake;
- Consideration of influence of flows and water quality from Ballarat North Waste Water Treatment Plant and local runoff to determine possible actions for enhancement.
- A management and enhancement plan for Lake environs, including wetlands on private land.

Specific actions for Burrumbeet Creek:

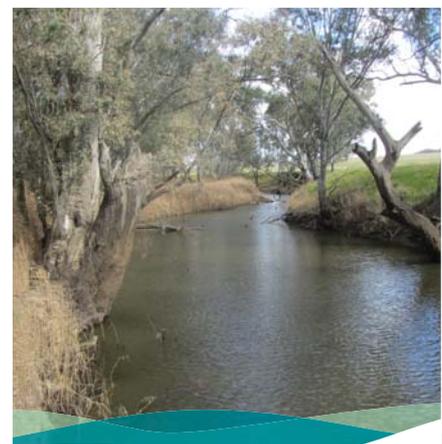
- Prioritisation of sites for waterway stabilisation and ecological restoration based on recommendations in the Ballarat IWM Plan.
- Identification of sites that can incorporate or enhance cultural values and support use by Traditional Owners and offer education for the broader community.

Next steps

1. Appointment of DELWP project officer to undertake initial community engagement and develop a management framework for Lake Burrumbeet (underway)
2. Secure funding for collaborative project
3. Appoint collaborative project group
4. Undertake broader engagement with community, Traditional Owners and key stakeholders
5. Undertake management and works prioritisation planning
6. Implementation



Status	
Lead Agency	DELWP Grampians and Glenelg Hopkins CMA
Implementation Partners	City of Ballarat, Central Highlands Water, Wadawurrung, Southern Rural Water, land holders, Parks Victoria, Friends of Lake Burrumbeet, Department of Fisheries, Community Groups
Location	Burrumbeet catchment
Cost	Project Officer funded, additional costs to be estimated
Timeframe	Opportune time for delivery and completion of first planning and prioritisation stage in next 18 months
Scale	Sub-catchment



Tullaroop Creek.
Courtesy: North Central CMA

ACTION CH8

Beaufort Closed-Loop Recycled Water Scheme

This project will enable a closed loop recycled water scheme to manage all of the Beaufort community's wastewater within the urban environment through irrigation for the local golf course, school, recreation reserve and numerous sporting facilities.

This project will utilise recycled water from the Beaufort's wastewater treatment plant for greening of local community assets. Utilisation of an alternative water source for irrigation will achieve environmental outcomes, make use of fit-for-purpose water and enhance amenity and recreation outcomes for the town.

The project is a partnership between Central Highlands Water and Pyrenees Shire Council. To date, a feasibility study of the scheme has been completed, but further funding is required to complete detailed design.

Next steps

1. Secure co-investment funding
2. Undertake detailed design
3. Implement project

	
Status	<div style="width: 100%; height: 10px; background-color: #c8e6c9;"></div>
Lead Agency	Pyrenees Shire Council
Implementation Partners	Central Highlands Water, Beaufort Golf Club, local schools, Wadawurrung
Location	Beaufort
Cost	Capital cost of \$2.7 million (including \$300,000 for detailed design)
Timeframe	Detailed design to be delivered next year and could be implemented within 2 years, funding dependant.
Scale	Town/city

ACTION CH9

Integrated Management of the Tullaroop Catchment

A number of water management challenges and opportunities for enhancement exist within the Tullaroop Creek catchment including water quality management, environmental flow requirements, flood risk management, incorporating indigenous values, water trading opportunities and groundwater resource management.

Through collaboration, shared objectives will be formed, and management actions outlined to respond to catchment stressors and enhance the health of Tullaroop Creek. The Tullaroop Creek catchment is a closed system of a manageable scale where multiple tangible benefits can be delivered in the short term to support longer term objectives.

Discussions between organisations have identified that the challenges can be managed through greater collaboration and a more integrated management approach. There is also an opportunity for Dja Dja Wurrung to play a central role in the project as a custodian of the creek. Lessons learned from this project could be transferred to other catchment areas.

Next steps

1. Assemble project control group
2. Develop project scope
3. Secure funding
4. Undertake strategy

	
Status	<div style="width: 10%; height: 10px; background-color: #c8e6c9;"></div>
Lead Agency	North Central Catchment Management Authority
Implementation Partners	Goulburn-Murray Water; Central Highlands Water; Dja Dja Wurrung Clans Aboriginal Corporation; Hepburn Shire Council; Central Goldfields Shire, City of Ballarat
Location	Tullaroop Creek Catchment
Cost	To be estimated
Timeframe	Short-term: 1-3 years, with the business case delivered in the next year.
Scale	Sub-catchment

Building on momentum in Ballarat

Ballarat is one of the country's leaders in IWM principles and practice, with a wide range of projects that have been delivered and which are already underway to diversify urban water sources, improve environmental outcomes and enhance liveability and economic value in the City. Four projects have been selected as priorities to extend, complement and enhance IWM activities in Ballarat, to keep driving forward the City as an exemplar of integrated water management.

ACTION CH10

Breathing Life into the Yarrowee River: Works Prioritisation Masterplan

The Yarrowee River is the centrepiece of Ballarat. However, it's a landscape and ecological feature which could be greatly enhanced. To date, works have focussed on river health improvements, but it is now recognised as a prime opportunity to delivery IWM objectives by enhancing ecological systems, delivering enhanced canopy cover and amenity, enhancing cultural values, revitalising neighbourhoods and commercial areas and supporting active transport and recreation. The Ballarat Plan (City Strategy) and the Ballarat IWM Plan identify the river as a major priority which will deliver multiple benefits.

Work has begun as part of the Breathing life into the Yarrowee River project which was funded in 2013, and delivered a series of targeted works to improve vegetation, access and water quality. The project has generated high levels of community interest and engagement and has been highly successful in delivering community outcomes.

An opportunity exists to build on existing momentum and develop a Master Plan that will engage community members, key stakeholders and Traditional Owners to develop a prioritised plan of future investments to reinvigorate and breathe life into the urban reaches of the Yarrowee River corridor. This will ensure that future projects can be implemented in the context of a holistic community vision that delivers maximum benefit along the entire urban reach of the river.

A project working group has been established and a scope of works has been developed.

Next steps

1. Finalise commitment and funding from project partners
2. Commission works prioritisation Masterplan
3. Implement priority works

	
Status	<div style="width: 100%; height: 10px; background-color: #4CAF50;"></div>
Lead Agency	City of Ballarat
Implementation Partners	Corangamite CMA, Central Highlands Water, Wadawurrung, DELWP Grampians
Location	Yarrowee River
Cost	\$150,000 - \$200,000 for Master Plan and initial phase implementation
Timeframe	Ready for delivery in 2018-2019
Scale	Sub-catchment



Yarrowee River.
Courtesy: Central Highlands Water

ACTION CH11

Expanding Ballarat's Alternative Water Network

The existing non-potable network in Ballarat has potential for expansion to support irrigation of schools, sporting grounds, parks and commercial purposes.

Concept design work has been completed to demonstrate the feasibility of extending the existing recycled water supply network from Ballarat North Wastewater Treatment Plant to two priority locations for greening in Ballarat:

- Wendouree West Reserve
- Ballarat Secondary College (Mt Rowan Campus)

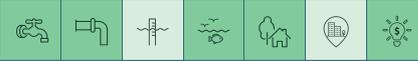
These schemes will extend non-potable water use in Ballarat and support local communities by providing a fit-for-purpose irrigation source for key recreational spaces.

Further sites have been identified to be connected to the non-potable water network in Ballarat and the network will continue to expand across the city. These two sites have been selected as immediate priorities.

There is future potential to link to the Ballarat West Employment Zone non-potable supply network.

Next steps

1. Secure co-investment funding
2. Complete detailed design
3. Construct extensions to the network and irrigation systems

	
Status	<div style="width: 100%; height: 10px; background-color: #4CAF50;"></div>
Lead Agency	Central Highlands Water
Implementation Partners	City of Ballarat, Mt Rowan High School, Wadawurrung
Location	Ballarat
Cost	\$550,000 for Wendouree West Reserve \$250,000 for Mt Rowan Campus
Timeframe	Delivery within 2 years
Scale	Lot scale



Ballarat North Wastewater Treatment Plant. Courtesy: Central Highlands Water

ACTION CH12

Ballarat West Stormwater Harvesting Hubs

Ballarat West Growth Area is growing significantly in the next 20 years over numerous PSP sub-precincts and the development will almost double the urban footprint of Ballarat. The additional stormwater runoff from the new development areas will have fundamental impacts on Winter Creek (adjacent to development) and the Yarrowee River (downstream). New development areas will include irrigated open space and recreation areas and stormwater treatment wetlands. Due to early intervention in the planning process it has been ensured there is opportunity for local stormwater harvesting from wetlands for irrigation, by locating recreational areas within 600m of wetlands. Detailed design and coordination are now required to secure transfer infrastructure to connect stormwater supply to the recreation areas during the development process.

An opportunity exists to create a stormwater harvesting hub with multiple schemes utilising treated urban stormwater to irrigate open spaces in these new development areas. Proactive funding, planning and design can lead to widespread on-ground implementation where infrastructure is installed in a cost-effective manner to derive greatest community benefit.

In the next 5 years, there are focus areas for co-delivery of stormwater harvesting in new development areas. Delacombe Sports Precinct (on-ground 3-5 years), is a large opportunity, where it would be prudent to complete detailed design in coming 12-18 months to be shovel ready.

Next steps

1. Secure funding for transfer mains and stormwater harvesting systems
2. Develop coordination process between Council, Developer and Central Highlands Water
3. Undertake detailed design for Delacombe Sports Precinct Construct extensions to the network and irrigation systems



Design and layout for local stormwater harvesting. Courtesy: City of Ballarat

Status	<div style="width: 100%; height: 10px; background-color: #4CAF50;"></div>
Lead Agency	City of Ballarat
Implementation Partners	Central Highlands Water, developers, Corangamite CMA, Wadawurrung
Location	Ballarat West
Cost	\$400,000 capital cost for Delacombe scheme
Timeframe	Coordination process between stakeholders to be established in next 6 months. Detailed design for Delacombe in next 12-18 months.
Scale	Lot scale

ACTION CH13

Victoria Park (Ballarat) Green Space Transformation

Feasibility assessments have been completed to harness an alternative water source to provide irrigation to Victoria Park, the key green space in Ballarat. This project will transform Victoria Park, Ballarat's key recreational reserve into a year round green space to support numerous community clubs and attract events as well as enhancing existing lakes and public amenity.

Victoria Park is the major open space for Ballarat and an important asset for communities in the region. City of Ballarat recently developed a Master Plan for the park which identified additional active recreation areas and irrigation needs. The Ballarat IWM Plan identified possible alternative water supplies for irrigation of the park, from either adjoining stormwater drains or the adjacent Lake Wendouree (which is fed by both stormwater and recycled water), utilising existing lakes in the park for storage.

Enhancement of the lake storages and natural treatment and conveyance systems in the park could also significantly improve flood management and amenity in the park. Concept designs and feasibility assessments have been conducted for the proposals.

There is also potential to extend the non-potable water supply network from the park to service other areas.

Next steps

1. Secure funding
2. Detailed design
3. Implementation

Status	<div style="width: 100%; height: 10px; background-color: #4CAF50;"></div>
Lead Agency	City of Ballarat
Implementation Partners	Central Highlands Water, DELWP Grampians, Wadawurrung, user groups
Location	Ballarat
Cost	\$600,000 capital cost
Timeframe	Detailed design can be delivered in next 18 months, and could be implemented within 2-3 years, funding dependant.
Scale	Lot scale



Victoria Park. Courtesy: City of Ballarat

References

- i Central Highlands Water (2017) *Urban Water Strategy*
- ii DELWP (2016) *Climate Ready Victoria – Loddon Mallee Fact Sheet*
- iii Central Highlands Water (2017) *Urban Water Strategy*
- iv Central Highlands Water (2017) *Urban Water Strategy*
- v Central Highlands Water (2017) *Annual Report 2016/2017*
- vi North Central Catchment Management Authority (2014) *Waterways Strategy*,
Corangamite Catchment Management Authority (2014) *Waterways Strategy*,
Glenelg Hopkins Catchment Management Authority (2014) *Waterways Strategy*



Coliban

STRATEGIC DIRECTIONS STATEMENT

SEPTEMBER 2018



Integrated Water
Management Forums



Environment,
Land, Water
and Planning

Integrated Water Management is a collaborative approach to water planning and management that brings together organisations with an interest in all aspects of the water cycle.

It has the potential to provide greater value to our communities by identifying and leveraging opportunities to optimise outcomes.

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Foreword

Water is fundamental to the social fabric of our communities, who depend on water to grow and thrive. Ensuring that our large cities and small regional towns have the resilience needed to be healthy, active and engaged communities is a long term goal of the Coliban IWM Forum.

Integrated Water Management (IWM) was first introduced into the Coliban region in 2016 for the four largest urban water supply systems in the region – Bendigo, Echuca, Castlemaine and Kyneton. Since then, there has been a profound shift in the thinking, conversation and level of engagement that has seen IWM being recognised and becoming part of a new way for regional and urban planning.

The Coliban region has also recently benefited from the participation of Bendigo as the first Victorian regional city, and Australia's first inland city, in a project led by the Cooperative Research Centre for Water Sensitive Cities. This project created a shared vision and transition strategy for Bendigo to achieve an envisioned future state of becoming a water sensitive city.

The highly collaborative approach of that project involved many of the Coliban IWM Forum members, and it affirmed the enabling role of IWM in transforming cities and towns to being resilient and liveable under all predicted climate futures, so that they continue to prosper and be great places to live and work.

It is my pleasure to present the Strategic Direction Statement for the Coliban IWM forum, which is an outstanding example of regional collaboration by a diverse Forum membership with interests in land, water, waterways, the urban built form, and community health and wellbeing. The Statement identifies many important and innovative opportunities, backed by the Forum, that can substantially transform and enhance the role that water plays as an essential part of our region's way of life.

I wish to thank the Coliban IWM Forum members for their commitment, energy and enthusiasm, and for sharing their considerable knowledge and experience of the region in developing this Statement. The future vision and exceptional strategic regional response that has been endorsed by the Forum delivers outcomes and benefits for both current and future generations.

I also wish to acknowledge and thank Mick Bourke, who served as the inaugural Chair of the Coliban IWM Forum, for his encouragement, guidance and contribution when the Forum was first formed and undertook the initial work that has culminated in this compelling Statement for our region.



Jeff Rigby
Interim Chair of the Coliban
IWM Forum

Acknowledgements

The Coliban IWM Forum covers Dja Dja Wurrung, Yorta Yorta, Taungurung and Barapa Barapa country, whose ancestors and their descendants are the traditional owners of this country.

The Coliban Strategic Directions Statement has been developed in collaboration with:

The meetings of the Forum and individual meetings with project sponsors have developed initiatives into mature project themes.

Collaboration and cross-pollination have been a key outcomes of the Forum, with ideas being shared and improved by input from project partners.



NORTH CENTRAL
Catchment Management Authority





Early morning mist on Lauriston Reservoir (2011). Courtesy: Coliban Water

At a glance

The Coliban Integrated Water Management (IWM) Strategic Directions Statement highlights the key challenges in the region and identifies collaborative opportunities that can improve resilience and liveability in the region's cities and towns.

Vision

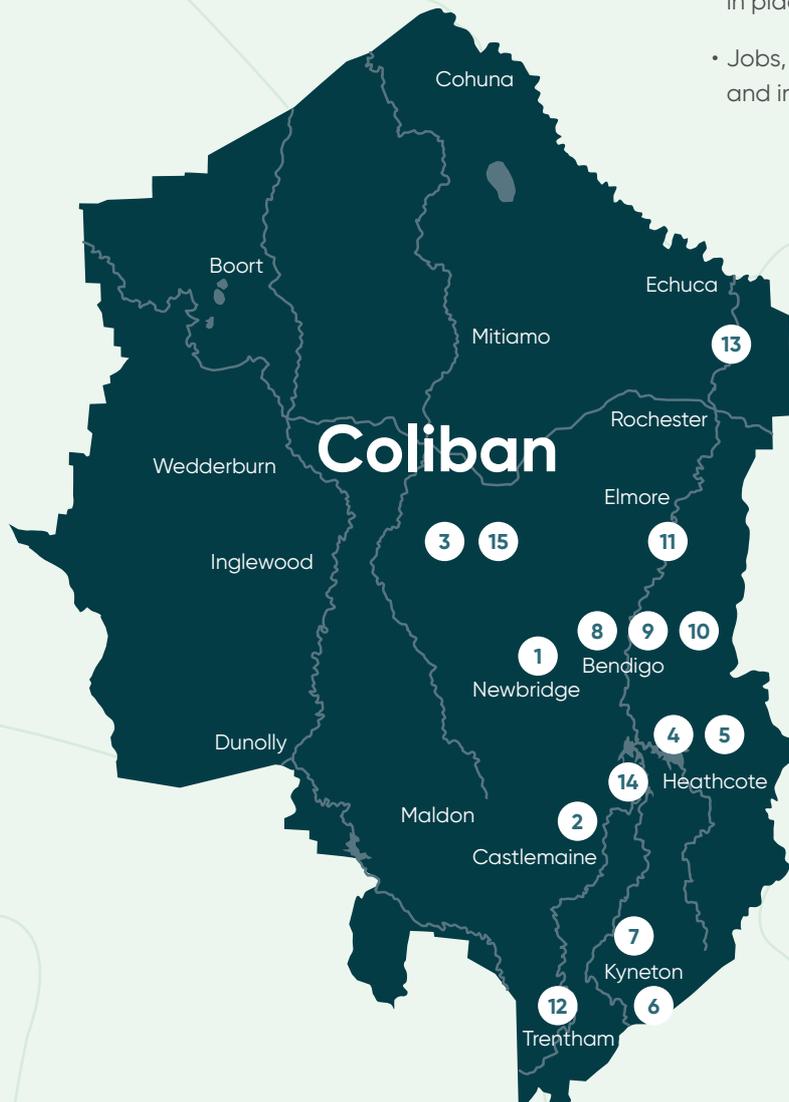
Resilient and liveable communities.

Purpose

Working together to create water cycle outcomes that support the future health and resilience of our environment and communities.

Strategic outcomes:

- Safe, secure and affordable supplies in a changing future.
- Effective and affordable wastewater systems.
- Manage flood risks.
- Healthy and valued waterways and waterbodies.
- Healthy and valued landscapes.
- Traditional owner and community values reflected in place-based planning.
- Jobs, economic opportunity and innovation.



IWM opportunities

Forum partners will commit their best endeavours to ensure priority projects and strategies are progressed in line with the shared vision and strategic outcomes identified by the Coliban IWM Forum. The key IWM opportunities include (in no priority order):

1 Growing Newbridge Sustainably

A feasibility study to consider supplying the township of Newbridge with a secure water supply and associated water and sewerage infrastructure. It will also look at alternative measures such as stormwater harvesting.

2 Water for Now and into the Future in Castlemaine

Undertake an Integrated Water Management Plan for the township of Castlemaine, encompassing all relevant IWM components. The key issues to be resolved include ensuring adequate protection of the waterways from urban stormwater and recycled water releases as well as providing a climate resilient water supply to irrigate green spaces and for industrial reuse.

3 Planning for Sustainable Water Management

Enforcement of existing planning policy for IWM is currently a challenge. This is an opportunity to link with wider state-wide work to pilot new planning approaches in the Coliban Forum area.

4 Lake Eppalock Hydro-electricity Project: For Country and Environment

This scheme considers an environmental water release from Malmsbury Reservoir to the Coliban River to enhance environmental and cultural values, while also utilising releases via a hydroelectric scheme at Lake Eppalock.

5 Lake Eppalock Water Quality Assessment

A better water quality monitoring regime for Lake Eppalock will help to support water supply and recreation while improving ecological outcomes in downstream waterways.

6 Hanging Rock Reserve Alternative Water Supply

Development of a business case to underpin the utilisation of recycled water from the Woodend Recycled Water Plant

for irrigation of the Hanging Rock Reserve to benefit waterway health and enhance this important location.

7 Macedon Ranges Northern Region IWM Plan

This project involves the development of an IWM Plan for Kyneton and revisiting and reconfirming the outputs from the Woodend IWM plan as priorities. The Plan will consider priorities for water supply, waterway health and amenity.

8 Implementation of the Transition Strategy for a Water Sensitive Bendigo

The transition strategy sets out short and medium term strategic priorities for Bendigo. The next step is to take the strategy into implementation and create governance structures for ongoing action.

9 Re-imagining Bendigo Creek

This project proposes to address the unrealised opportunity that a restored and revitalised waterway presents to the Bendigo community, from the perspective of liveability, waterway health, aesthetics, urban planning and community input, and balancing challenges such as urban flooding.

10 Wanyarram Dhelk

This project complements the re-imagining of the Bendigo Creek project by delivering targeted improvements. These will establish a predominately vegetated, biologically diverse waterway that supports the wider community's interests, whilst offering educational pathways opportunities to support the cultural aspirations of the Dja Dja Wurrung Traditional Owners.

11 Aboriginal Water Assessment – Campaspe River

This project is one of a series of Aboriginal Waterway Assessments that looks to initially support the capturing of cultural values along waterways by multiple Traditional Owner groups. The Campaspe River has been initially selected.

12 Greening Trentham for Water Security and Healthy Waterways

This project will undertake a water supply security assessment for the township of Trentham, where groundwater is declining and alternative water sources are needed to support key green assets. There are also opportunities to improve stormwater quality through integrated water management.

13 Campaspe: Planning for Future Water Management

This strategic framework will provide the local link between the state government's direction as set out in *Water for Victoria*, and provides a voice for the community along with the delivery of place-based initiatives.

14 Upper Coliban Integrated Catchment Plan

The Upper Coliban catchment provides raw water for drinking water purposes for more than 130,000 people as well as having a range of additional environmental, social, cultural and economic values. This project supports the Upper Coliban Integrated Catchment Plan by protecting the catchment and in turn the quality and quantity of drinking water.

15 Managed Aquifer Recharge Potential in the Coliban Region

Detailed examination of the potential for Managed Aquifer Recharge (Campaspe Deep Lead) in the Coliban Region that may help develop an information suite and governance requirements to support decisions around managed aquifer recharge schemes. With the goal to boost the reliability of urban water supplies across the State by integrating groundwater and surface water management, this project will form one of two case studies across northern Victoria.



Chapter 1

The way forward

An unprecedented opportunity to progress water cycle planning and management in Victoria through collaboration.

Introduction

Integrated Water Management is a collaborative approach to water planning that brings together organisations that influence all aspects of the water cycle. It has the potential to provide greater value to our communities by identifying and leveraging opportunities to optimise the outcomes of the water cycle.

Overview

The *Integrated Water Management (IWM) Framework for Victoria* (September 2017) is designed to help regional stakeholders to work together, ensuring the water cycle contributes to the liveability of towns and cities in Victoria, with communities at the centre of decision making.

The central premise of an IWM approach is the overall acceptance that managing urban liveability and resilience is a shared responsibility and that water is a key enabler to achieving these shared aims.

To facilitate this, IWM Forums have been established across the state to identify, prioritise and oversee the implementation of critical collaborative opportunities. This Strategic Directions Statement has been produced by the Coliban IWM forum to capture and communicate those opportunities.

IWM seeks to build on existing partnerships and planning processes. In the Coliban region regional stakeholders, such as local government authorities, North Central Catchment Management Authority and water corporations, engage with their communities regularly to improve service delivery and urban planning. Community aspirations are embedded in the strategies and operational plans for organisations throughout

the region. These aspirations reflect a desire for liveable and productive places and vibrant communities. The way in which we plan and use water is fundamental to ensuring these aspirations are realised.

IWM in the region is also strengthened by the formation of the North Central Catchment Partnership under the Victorian Government's *Our Catchments, Our Communities Integrated Catchment Management Strategy for Victoria (2016–19)*.

What is a Strategic Directions Statement?

This Strategic Directions Statement (SDS) articulates the regional context, the shared vision and the strategic water-related outcomes for the Coliban IWM Forum region.

This SDS includes a list of IWM opportunities, including projects and strategies, developed in collaboration by the Coliban IWM Forum partners.

Partners of the Forum are committing their organisations to apply their best endeavours to:

- Ensure priority projects and strategies are progressed in line with the shared vision and strategic outcomes of the Coliban IWM Forum; and to
- Support DELWP to progress priority strategic enablers for IWM in Victoria.

It is envisaged that the SDS will be a living document which will be updated to reflect the Coliban IWM Forum's priorities and opportunities.



Bendigo Aquatic Centre. Courtesy: Coliban Water

Enduring collaboration

How we're working together

The Coliban IWM Forum identifies, coordinates and prioritises areas that would most benefit from collaborative and place-based water management planning and delivery.

To ensure IWM is successful and enduring across the region, the Coliban IWM Forum partners have committed to the promotion of a collaborative and shared values culture within their own organisations and beyond through their work with key water cycle delivery partners and local communities.

The Coliban IWM Forum is governed by an open and transparent IWM planning process (Figures 1 and 2). This process assumes a holistic, whole-of-cycle approach to determining water cycle solutions, considering regulatory accountabilities and service delivery responsibilities.

Each organisation has an important role to play in the decision-making and management of the water, resources and assets for the entire catchment.

Collaboration across IWM Forum partners will ensure balanced consideration of the complex economic, environmental, cultural, and community benefits and impacts associated with the range of proposed IWM projects and work programs.

The Coliban IWM Forum partners will continue to work together to build inter-organisational trust and develop productive, enduring relationships to realise the shared vision for the region.

Further information on the IWM Forum's governance and planning framework is outlined in the *Integrated Water Management Framework for Victoria*, available at <https://www.water.vic.gov.au/liveable/resilient-and-liveable-cities-and-towns/iwm-framework>.



Figure 1 IWM Forum governance structure

Figure 2 IWM Forum planning and delivery process.

		Outcomes	Participants
Phase I			
	<p>Establish</p> <p>Organisational leaders come together in collaborative IWM Forums and Practitioner Workshops to discuss integrated water management challenges, opportunities and priorities for each region</p>	<p>Preliminary work on regional characterisation and collaborative governance</p> <p>Agree vision, objectives and goals</p> <p>Agree criteria for selection and prioritisation of IWM opportunities</p> <p>IWM opportunities identified and prioritised</p> <p>Collaboratively develop and endorse Strategic Directions Statement for each region</p>	<p>Local governments</p> <p>Catchment Management Authorities</p> <p>Water corporations</p> <p>Traditional Owners</p> <p>Department of Environment, Land, Water and Planning</p> <p>Chair</p> <p>Others as relevant</p>
↓			
Phase II			
	<p>Plan and Develop</p> <p>IWM Project Groups form to develop an implementation approach for prioritised projects</p>	<p>IWM Project Groups determine a pathway to collaboratively deliver prioritised opportunities</p> <p>Technical and economic analysis; cost allocation; business case development as required</p> <p>IWM Project Groups report progress to IWM Forums</p>	<p>Collaborative Partners</p> <p>DELWP</p> <p>Relevant stakeholders</p>
↓			
	<p>Incorporate</p> <p>Collaborative Partner organisations incorporate relevant elements of IWM in their own plans, guidelines or frameworks</p>	<p>IWM Project Groups to take IWM commitments (projects and strategies) to their Board or Councils for endorsement</p> <p>IWM Project Groups to incorporate elements into their own organisational planning systems, e.g. Council and corporate plans, Construction Guidelines, etc.</p> <p>Report back to IWM Forum and prepare for delivery</p>	<p>Individual organisations who have committed to a project</p>
↓			
Phase III			
	<p>Deliver</p> <p>IWM Project Groups progress with delivery of projects and strategies</p>	<p>IWM projects, strategies/plans are implemented</p> <p>Additional community value added through participatory planning</p> <p>Monitoring and evaluation of key measures and outcomes</p> <p>Application of practical IWM tools and innovative approaches</p> <p>Economic savings through shared resources, costs, etc.</p> <p>Improved resilience and liveability of cities and towns</p> <p>IWM Project Groups prepare for next round of opportunity identification and prioritisation</p>	<p>Individual organisations who have committed to a project</p> <p>Community representatives</p> <p>DELWP</p> <p>Others as relevant</p>



Chapter 2

IWM in the region

Understanding why an integrated approach to water planning and management is critical for the Coliban IWM Region now and for the future.



Upper Coliban Reservoir spilling (2010). Courtesy: Coliban Water

Vision and outcome areas for the Coliban IWM Forum Region

Outcomes



Safe, secure and affordable supplies in a changing future



Effective and affordable wastewater systems



Managed flood risks



Healthy and valued waterways and water bodies

Objectives

A diverse range of fit for purpose water supplies and resources are utilised

Meets public health and environmental standards and drives incremental improvement through a risk-based approach to wastewater management

Appropriate levels of flood protection to the region's towns and cities

Waterway health is maintained and improved for environmental and human use

Water quality meets regulatory standards and community expectations

Supporting effective sewerage systems and driving innovation where appropriate

Community and property resilience to local flood risk now and in the future

Waterways are accessible as valuable open space and managed to provide for community values including biodiversity links and recreation

Actively promote and incentivise water efficiency to reduce demand

Optimised small town domestic wastewater in unsewered towns

Efficient and effective urban drainage that enhances urban landscapes

Traditional Owner and Aboriginal values, knowledge and practices associated with waterways and waterbodies are understood, protected and enhanced

The reliability of the resource matches the users and customers need

Waterway riparian land will be improved to allow waterway, wetland and waterbody protection and improvement

'Fit-for-purpose' water available to maintain green community assets to benefit public health and well-being

Stormwater management practices will contribute to enhancing waterway health

Vision

Resilient and liveable communities.

Purpose

Working together to create water cycle outcomes that support the future health and resilience of our environments and communities.

IWM Outcome Areas

The region is seeking to achieve seven key outcomes through IWM. Each of these will have a significant role in shaping the liveability, prosperity and resilience of our cities and towns. These outcome areas provide indicators to assess the effectiveness of the various IWM opportunities, recognising that these outcomes are in themselves co-dependant.



Low-emission solutions

IWM opportunities that minimise the release of greenhouse gas (GHGs) emissions will be considered by the Forum as solutions are evaluated for implementation.



Healthy and valued landscapes

Effective use of planning scheme to embed integrated water management

Manage and create public open space and land to retain moisture for cooler, greener cities and towns

Public open greenspace, parks and reserves connects people, landscapes and water bodies, and provides active recreational, passive transport links and refuge on hot days

Connect and enhance biodiversity corridors across the catchment to connect townships, communities and rural areas to support climate change resilience and protection of raw water supplies

Traditional Owner and Aboriginal values associated within landscapes are understood, protected and enhanced



Traditional owner and community values reflected in place-based planning

Diverse urban landscapes that reflect local conditions and collective values

Empowered and engaged communities and Traditional Owners

Local water related risks and issues understood and managed

Traditional Owner and aboriginal values are understood, recognised and integrated throughout the planning and delivery process



Jobs, economic opportunity and innovation

Jobs and economic opportunities are supported by water

Innovative planning and operation

Identify and promote water sensitive industry

Regional context

The Coliban IWM Forum region covers an area of approximately 16,500 square kilometres, extending from Woodend, Kyneton and Castlemaine in the south to the Murray River on the border with New South Wales in the north. The south-west of the area is bound by the Avoca River, while the Campaspe River is to the east of the region. The Loddon River runs south to north through the centre of the region.

The landscape and climate of the region varies between the goldfields in central Victoria among the headwaters of the area and the floodplains along the Murray River. In the south of the region, the annual rainfall is around 1000 mm, while in the north it is as low as 350 mm. Land use is highly varied throughout the area, ranging from forests in the south to broadacre dryland and irrigated farming in the north.

Population

The region has an estimated population of 185,000, which is forecast to grow to 250,000 by 2040. This growth will be felt across a majority of the major urban centres of the region, with the highest growth predicted in Bendigo, Castlemaine, Kyneton and Echuca.ⁱ

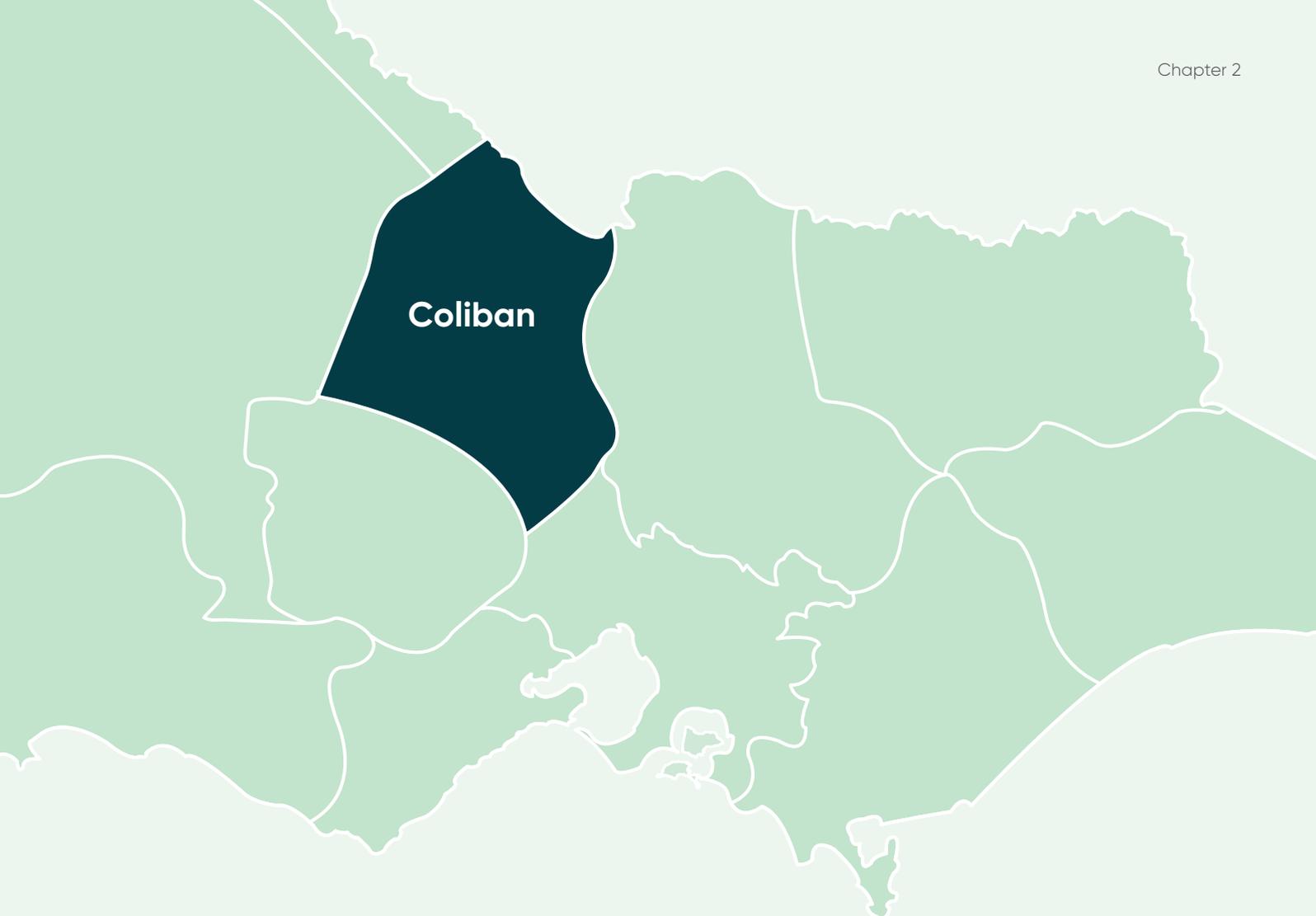
Climate change

The Coliban Region faces a warmer and drier future. By 2070, average annual temperatures across the region are projected to rise by 1.6°C to 2.7°C (median value). This will be amplified in urban centres due to the prevalence of darker and harder surfaces, leading to environmental and human health impacts. Ensuring the provision of fit for purpose water for the region's urban greening will be a key priority in enhancing liveability and resilience for the community and environment.

The average annual rainfall is predicted to decrease by five per cent by 2070 (median value) – primarily impacting the 'cool' season – while there is also an expectation of a year-round increase in temperatures. This presents a challenge for the region, as there will be an increased demand for urban water resulting from population growth together with a hotter drier climate.ⁱⁱ



Aerial view of Lauriston Reservoir (2009). Courtesy: Coliban Water



POPULATION GROWTH

185,000 NOW (2018)
250,000 BY 2040 ¹



35%
INCREASE



WATERWAYS

43,000 KM

MOST IN 'MODERATE'
STREAM CONDITION ²



TEMPERATURE



1.6-2.7°C

INCREASE
BY 2070 ³

CHANGE IN RAINFALL



5%

DECREASE
BY 2070 ⁴

¹ Victoria in Future

² North Central CMA

^{3&4} DELWP (2017) Guidelines for assessing the impact of climate change on water availability in Victoria

The case for IWM in the Region



Safe, secure and affordable supplies in a changing future

The Coliban Region has historically experienced water supply challenges, with an extensive network of water supply transfers being conducted during the goldrush as part of the Coliban system of waterworks. Today, the Coliban system's raw water supply sources are spread out across Victoria through connected networks in northern Victoria (Murray and Goulburn systems and groundwater sources) and western Victoria (Wimmera Glenelg system) in the Grampians.

Potable water services are currently provided to 50 cities and towns in the region via 20 water treatment plants. The Coliban Region has an extensive network of more than 1000 rural water users, utilising raw and recycled water supplies for irrigation, community amenity and stock watering.

The water supply in the region faces several challenges over the next 50 years from climate change and

a steadily increasing population. Baseline demand is forecast to increase by over 30,500 ML per year by 2065. Urban water supply is relatively secure, though some scenarios could result in shortfalls. By 2040 the shortfall in supply could reach approximately 17,600 ML per year across the nine water supply systems under current entitlements. By 2065 this potential shortfall could double. Without intervention this magnitude of shortfall would result in unacceptable levels of water restrictions and potentially constrain economic growth. The provision of alternative water sources and demand management are key strategies to avoid shortfalls.ⁱⁱⁱ

A current water security project in the region is the South West Loddon Pipeline Project. The project will introduce flexibility in the available water supply to the west of the region.



Watering. Courtesy: Coliban Water



Effective and affordable wastewater systems

There are reticulated sewage systems to 61,000 properties across 26 cities and towns in the region. These systems collect and treat sewage at 17 Wastewater Management Facilities^{iv}. In addition to these facilities there are many small towns in the region which typically use onsite septic systems to treat their wastewater. Small town wastewater management is a common issue across the region from an environmental, health, technical, governance and financial perspective. Some councils have domestic wastewater management plans in place to help to manage these systems.

There are 17 water reclamation plants in the Forum area, delivering Class B and Class C water for irrigation purposes. Coliban Water also operates a recycled water factory in Bendigo which produces Class A water which is distributed via the recycled water pipeline network and used by sporting clubs, Council, schools, rural customers and businesses for watering recreational turf, parks and gardens, irrigation of crops, car washing, road works and dust suppression. Around 3,900 ML of recycled water is used in the region per year, while a further 6,400 ML of recycled water is returned to waterways.

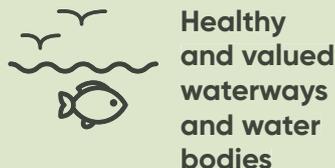


Manage flood risks

Floodplains are a valuable part of the ecosystem in the Coliban region. Flooding provides essential nutrients to rivers, wetlands, and the region's agricultural land, but major flood events can also have significant impacts to property, community infrastructure and agricultural economies. In an urban context, flooding is more of a challenge. The major urban centres of Bendigo, Echuca, Castlemaine and Kyneton, as well as many smaller centres, are located on waterways and floodplains and have a legacy of flooding problems due to past alterations of natural water courses and due to the proximity of urban development. Climate change is forecast to bring more intense rainfall events and will create further challenges when coupled with increasing urban growth.

It is essential to manage the economic, social, environmental and cultural values from floodplains in a balanced way whilst having regard for their inherent risks. This will be particularly relevant in the context of increased extreme rainfall events, urban growth and increased imperviousness in catchments.

The *North Central Regional Floodplain Management Strategy 2018-2028* has identified actions to reduce flood risk across the Coliban region. Among others, the Strategy includes actions to investigate local reservoirs as flood retention basins, maintaining waterways and drains for flood risk reduction purposes, and designing or constructing new flood mitigation measures in Castlemaine and Dunolly. These and similar actions within the Strategy's Regional Work Plan provide opportunities for collaborative approaches that reduce flood risk through integrated water management techniques.



Healthy and valued waterways and water bodies

The health, wellbeing and prosperity of our communities depend on healthy waterways and catchments. Waterways, wetlands and waterbodies of the region are embraced by the urban and rural communities for their aesthetic, recreational, tourism and restorative appeal. These values are challenged by poor water quality and are suffering from degradation due to uncontrolled stock access, land clearance, surface water runoff from impervious surfaces, untreated stormwater and wastewater discharges.

Waterways form a culturally important and significant part of country for Traditional Owner groups in the region. Empowering Traditional Owners to restore and enhance waterways and riparian land, such as Bendigo Creek, will support healthy water to flow into the country of neighbouring traditional owner groups and the restoration of significant sites downstream such as Kow Swamp.

The North Central Catchment Management Authority (CMA) has identified several priority rivers in the Coliban region as part of the *Waterways Strategy*, including the Campaspe, Avoca and Loddon Rivers. Smaller waterways are also recognised as priorities such as

Little Coliban River, Coliban River, Five Mile Creek and Kangaroo Creek in the south and Serpentine Creek in the north.

The long-term vision of the *Waterways Strategy* is:

'Waterways will be managed sustainably to maintain and improve their ecological diversity and function while also supporting the regional community's economic, cultural, recreational, and amenity use'.

These waterways have significant environmental values requiring protection and enhancement through a partnership approach. North Central CMA also identifies a series of priority wetlands in the region including the internationally significant Ramsar-listed Gunbower Forest wetlands in the north east along with numerous swamps and lagoons throughout the region. The region's riverine assets support threatened species (including Growling grass frog, Murray cod, Silver perch and Golden perch).

Given the Murray River borders the region to the north, opportunities progressed through the Coliban IWM Forum may interact with and consider the impact to the Murray Darling Basin Plan.



Bendigo Creek. Courtesy: City of Greater Bendigo



Healthy and valued landscapes

Integrated water management recognises that land, water and biodiversity are all part of a connected environment. A healthy environment underpins the regional economy and provides social and recreational values that benefit the community. Maintaining and improving the health of the Coliban catchment is essential to sustain the environment and the liveability of the region into the future.

Healthy landscapes are valued in the Coliban region. Many areas of public land are under Aboriginal Title and are frequently visited and viewed as important to the character of the region.

The planning and management of public land can continue to consider opportunities to support integrated water management. Healthy green and well-connected public open space and recreational areas can be integrated into the urban and adjacent rural landscapes and waterways, contributing towards liveability and resilience.

A number of councils are playing leadership roles for Victoria to promote healthy and valued landscapes, integrating land use and water planning. The *Visioning and Transition Strategy for a Water Sensitive Bendigo*, the *Distinctive Landscapes Bill* for Macedon Ranges Shire Council and *Upper Coliban Integrated Catchment Plan* are all firsts for Victoria.



Traditional Owner and community values reflected in place-based planning

The relationship between public health and wellbeing, and the environment is becoming increasingly recognised as an area of importance. The creation of greener neighbourhoods and providing communities with access to waterways and green space has the potential to support environmental, social and economic outcomes.

The Coliban region covers the traditional lands of Dja Dja Wurrung, Yorta Yorta, Taungurung and Barapa Barapa people, and the many rivers in the area contain a rich and diverse range of important cultural heritage sites.

Restoration of traditional functions of creeks and rivers can be contrasted with increased urban surrounds, but there are opportunities to optimise different outcomes through a collaborative process. Bendigo Creek is currently the focus of rejuvenation. The project Wanyarram Dkelk incorporates Traditional Owner and community values into works on the Bendigo Creek.



Jobs, economic growth and innovation

Major industries in the region include manufacturing (including food and meat processing) and defence contracts, transport and agriculture. One of the economic strengths of the region is its diversity. The regional economy is projected to grow and education, tourism, construction and hospitality have all showed higher growth in recent times than traditional industries for the area.

Water plays a key role in supporting industry in the region. The significant tourism and recreation economy in the region is also strongly linked to the health and amenity provided by the region's waterways, lakes and towns. Raw water supplies also support agricultural economies across the region. As water supply challenges emerge, there is opportunity for innovation and collaboration with industry to ensure economic development and water planning are coordinated.

Managing groundwater from Bendigo mines

Groundwater is naturally-occurring within Bendigo's network of disused and abandoned mines. It has been recovering to natural levels since mining ceased in 2011. The groundwater has elevated levels of salt, arsenic, other heavy metals and hydrogen sulphide gas. Without intervention, groundwater would flood the Central Deborah Gold Mine tourist attraction and flow into local waterways which would create environmental and amenity impacts.

The interim solution has been put in place until June 2021 through a partnership between DELWP and Coliban Water. The interim solution pumps groundwater from the mine voids beneath Central Bendigo and sends it to the New Moon Groundwater Treatment Plant in Eaglehawk for treatment. DELWP is working with the community, stakeholders and local agencies to identify a long-term solution for groundwater management.

Success stories

There has been a significant effort over the years by state and local government, regional agencies, communities, planning bodies and boards to identify what we need to do to address the challenges and opportunities in the region. Two recent case studies are outlined below.

Vision and Transition Strategy for a Water Sensitive Bendigo

In collaboration with local stakeholders, the Cooperative Research Centre (CRC) for Water Sensitive Cities developed a vision and transition strategy which defines a vision of a water sensitive future for Bendigo, and outlines the broad steps Bendigo should take to enable a transition towards this future. It is the outcome of nine months of research, analysis and engagement with 31 community champions and 47 leading thinkers from across water, planning, development and the environment in Bendigo.

The project developed and applied methods and tools of the CRC for Water Sensitive Cities designed to consider a city's long-term water aspirations, benchmark current water sensitive performance and explore strategic priorities for the short- to medium-term that will be important in pursuing its water sensitive city vision. These approaches have helped situate Bendigo on its water sensitive city transition journey and identified the critical interventions to enable progress.

Upper Coliban Integrated Catchment Plan

Lead by the North Central CMA and Coliban Water, the *Upper Coliban Integrated Catchment Plan* was developed in collaboration with the catchment stakeholders in



Bendigo WSC casestudy. Courtesy: City of Greater Bendigo

2015–16. The Plan is an example of collaboration leading to on-ground action being implemented. The Upper Coliban catchment provides raw water for drinking water purposes for over 130,000 people as well as having a range of additional environmental, social, cultural and economic values. The catchment faces known threats from existing and future developments, uncontrolled livestock access to waterways and riparian areas, and from climate change.

The Plan involves a range of on-ground actions (stock exclusion from waterways, riparian regeneration and revegetation, willow removal) and additional municipal planning scheme amendments through development of Environmental Significance Overlays

to protect raw water supplies. In addition, it proposes supporting community education, extension and compliance activities.

Protecting the catchment as the first and most important barrier in a multiple barrier approach is strategic from both a risk management and cost-effectiveness perspective. This Integrated Catchment Management Plan was undertaken in a robust and integrated manner that serves as a model for how organisations and communities can work together to manage precious natural resources in the face of current and future development pressures.



Chapter 3

IWM opportunities

A portfolio of IWM projects and strategies for which IWM collaborative partners have committed themselves to applying their best endeavours to progress.

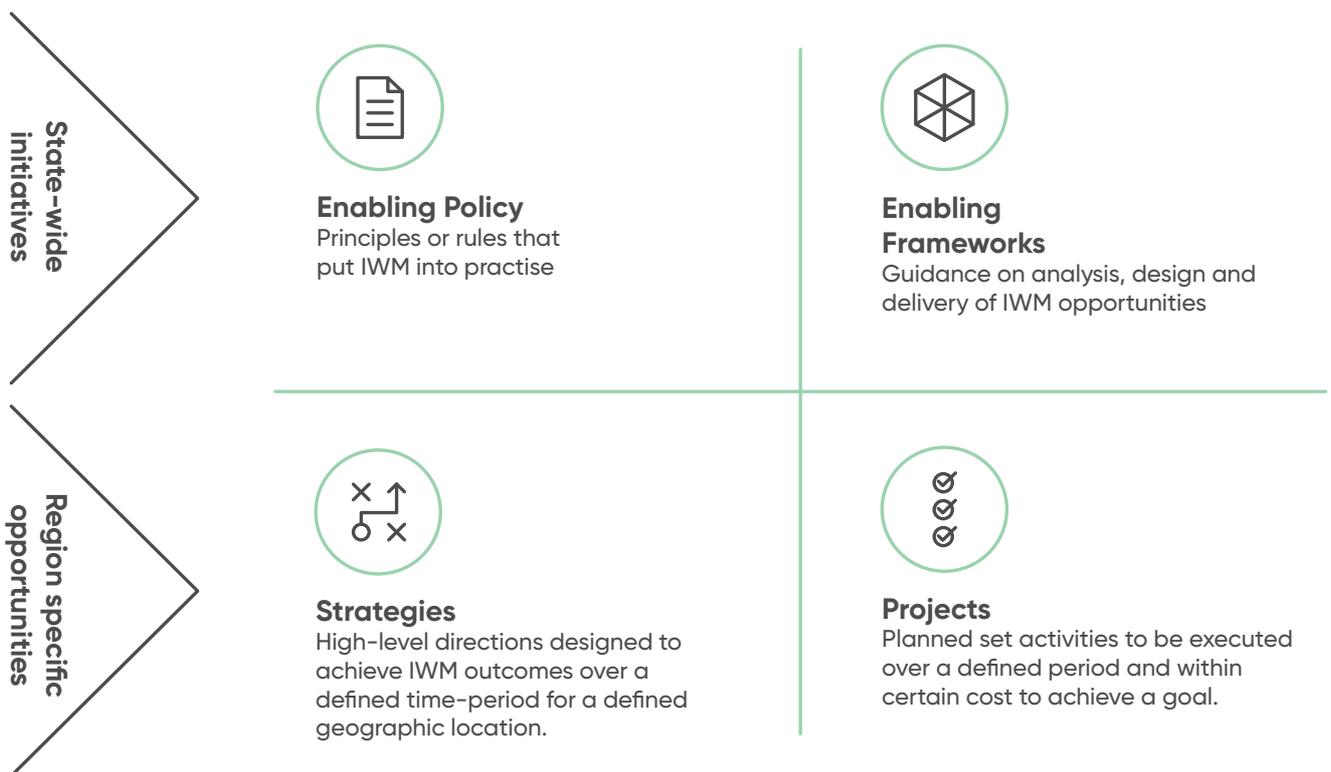
State-wide and region specific initiatives

This document outlines priority IWM opportunities for the Coliban region. These include both strategies that will direct IWM in the region and specific projects that will deliver on-the-ground outcomes. To ensure IWM opportunities are successful and delivered efficiently, work is also being done at a state-wide level.

Across Victoria, IWM Forum members are identifying a range of strategic policy and framework enablers to address barriers to integrated water management and planning and achieve water related benefits in priority areas. A prioritised list of enabling policies and frameworks is being consolidated by DELWP.

A Resilient Cities and Towns (RCT) Reference Group was established to support the implementation of integrated water management and planning across the state. The Reference Group provides advice to DELWP on the development and implementation of key initiatives in relation to policy, processes or knowledge gaps.

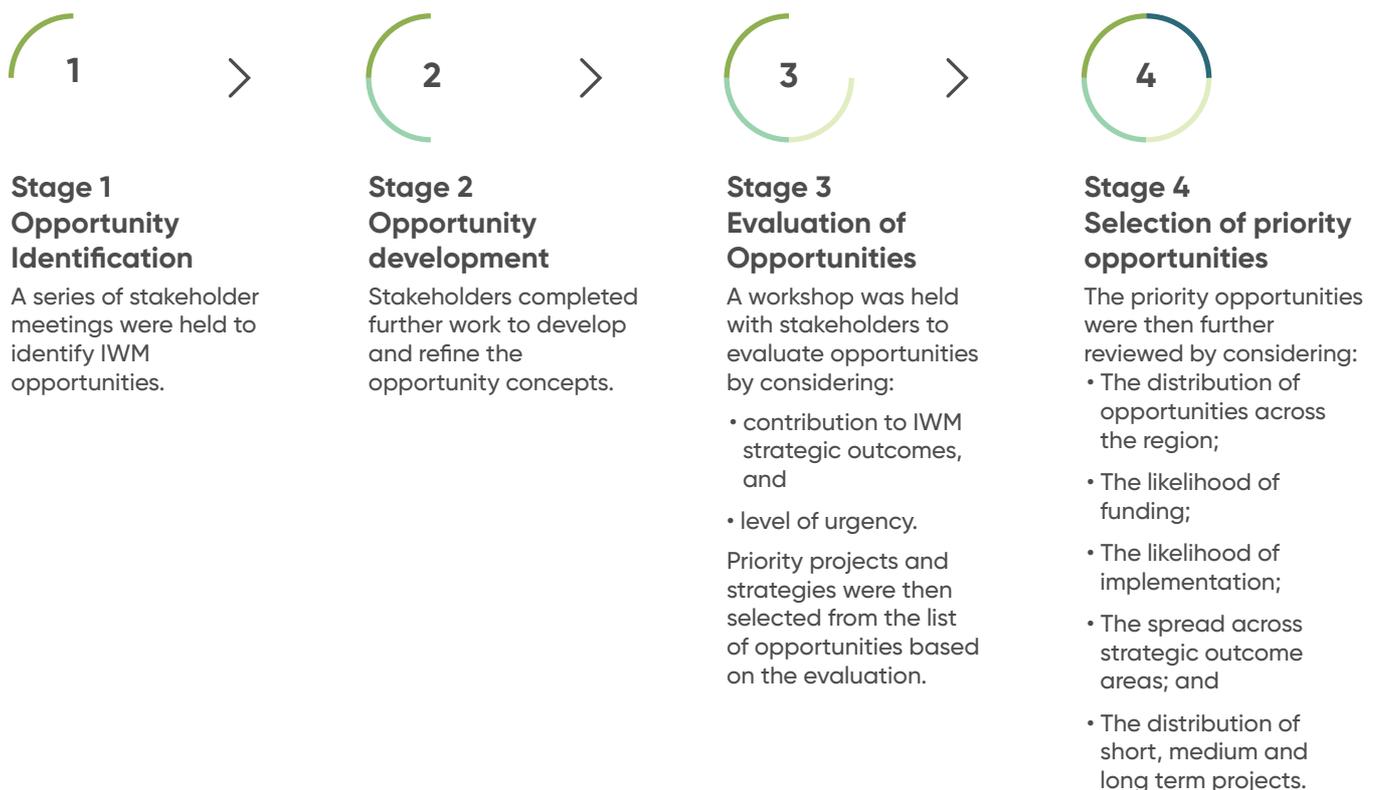
Figure 3 IWM framework at a State-wide and regional level.



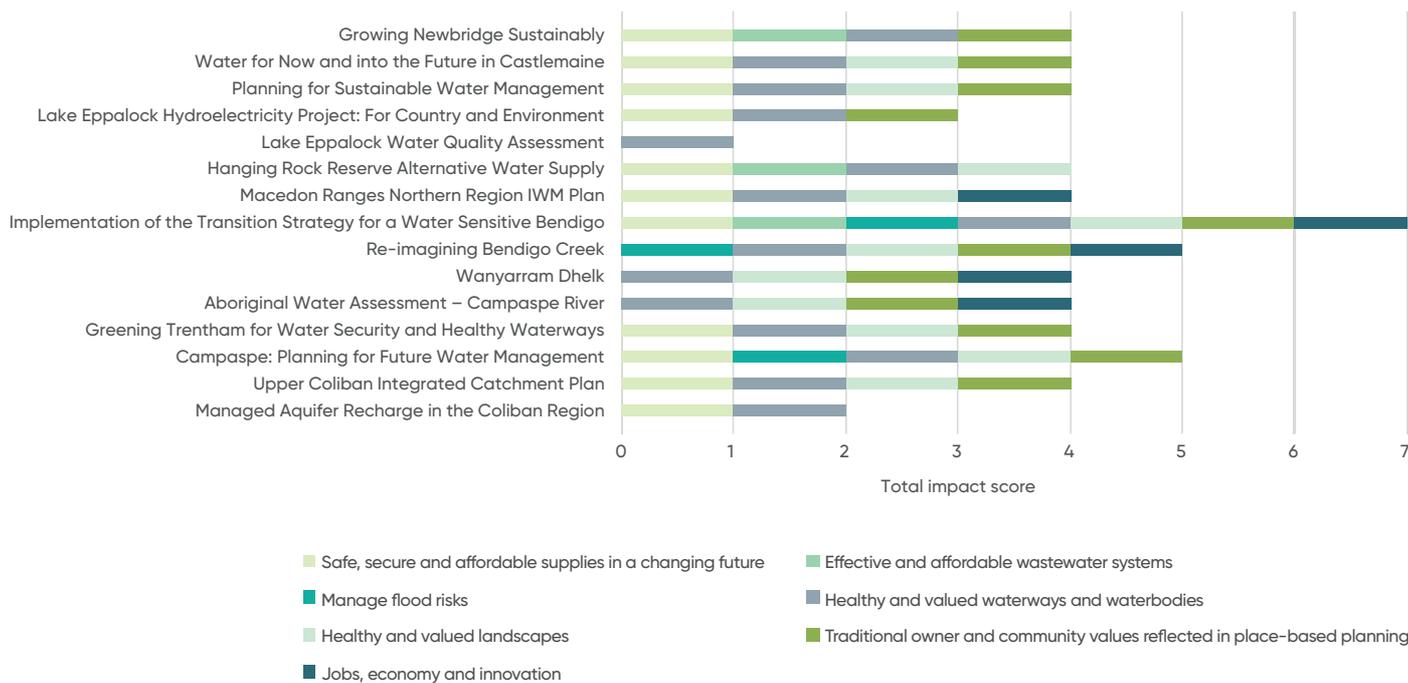
IWM opportunities: How were they selected?

IWM opportunities that link to and address IWM challenges for the region were identified and developed by the nominated practitioners of participating organisations. The process was an iterative, transparent and inclusive approach, as outlined in Figure 4. This list of opportunities is dynamic and will be reviewed and updated as required to reflect the Forum's priorities.

Figure 4 The IWM opportunity prioritisation process



Impact of IWM opportunities on the Forum's strategic outcomes



IWM project & strategy opportunities – overview

IWM opportunity	Strategic outcomes							Location
Growing Newbridge Sustainably								Newbridge
Water for Now and into the Future in Castlemaine								Castlemaine
Planning for Sustainable Water Management								Forum area
Lake Eppalock Hydroelectricity Project: For Country and Environment								Lake Eppalock and Coliban River
Lake Eppalock Water Quality Assessment								Lake Eppalock
Hanging Rock Reserve Alternative Water Supply								Woodend and Hanging Rock
Macedon Ranges Northern Region IWM Plan								Woodend and Kyneton
Implementation of the Transition Strategy for a Water Sensitive Bendigo								Bendigo
Re-imagining Bendigo Creek								Bendigo
Wanyarram Dhelk								Bendigo
Aboriginal Water Assessment – Campaspe River								Upper Campaspe
Greening Trentham for Water Security and Healthy Waterways								Trentham
Campaspe: Planning for Future Water Management								Municipality of Campaspe
Upper Coliban Integrated Catchment Plan								Upper Coliban Catchment
Managed Aquifer Recharge in the Coliban Region								Campaspe Deep Lead Aquifer

The status of each IWM opportunity included in the Priority Portfolio reflects the phase of work to be undertaken in this time period.

Shade scale



No Impact Impact

A summarised list of priority IWM opportunities is shown in the table below, with more detail in the following section. Please note that this list is dynamic and will continue to be updated to reflect the current Coliban IWM Forum's priorities and opportunities.

Partners of the Forum are committing their best endeavours to ensure priority projects and strategies are progressed in line with the shared vision and strategic outcomes of the Coliban IWM Forum.

Scale	Lead agency for collaborative opportunity	Status
Town/City	Loddon Shire Council	
Town/City	Mt Alexander Shire Council	
Forum area	Mt Alexander Shire Council	
Sub-catchment	Coliban Water	
Sub-catchment	Coliban Water	
Sub-catchment	Western Water	
Sub-catchment	Macedon Ranges Shire Council	
Town/City	City of Greater Bendigo	
Town/City	City of Greater Bendigo	
Sub-catchment	Djandak	
Sub-catchment	Yorta Yorta Nations AC	
Town/City	Hepburn Shire Council	
Sub-catchment	Campaspe Shire Council	
Sub-catchment	North Central Catchment Management Authority	
Forum area	Goulburn Murray Water	

Project opportunity status



Strategy opportunity status



IWM project and strategy opportunities – in depth

ACTION C1

Growing Newbridge Sustainably

Newbridge is a town where growth is restricted due to a lack of a water security and sewerage infrastructure. The proposed Loddon Southwest Scheme provides a new opportunity to look at a reliable water supply for the town. The potential for collaborative opportunities has not been holistically considered to date.

A feasibility study has been completed to consider supplying the township of Newbridge with a secure water supply, and associated water and sewerage infrastructure. The business case builds on the feasibility study.

Next steps

1. Complete Business Case
2. Assess recommendations and depending on outcomes formulate steps to implement, including economic analysis

						
Status	<div style="width: 20%;"></div>					
Lead Agency	Loddon Shire Council					
Implementation Partners	Coliban Water, Grampians Wimmera Mallee Water					
Location	Newbridge					
Timeframe	Business Case underway					
Scale	Town/City					

ACTION C2

Water for Now and into the Future in Castlemaine

This project will see the development of an Integrated Water Management Plan for the township of Castlemaine, encompassing all relevant IWM components. The key issues to be resolved are ensuring adequate protection of the waterways from urban stormwater and recycled water releases, flood management, as well as providing a climate change resilient water supply to irrigate green spaces and for industrial reuse.

The project will assess options and identify key opportunities for a resilient water supply for green spaces and industry and determine appropriate targets and sustainable development guidelines required to protect waterway health. This will be completed in collaboration with project partners to assess their relative merits including cost effectiveness.

Next steps

1. Secure commitment and funding from collaborative partners
2. Gap/ data analysis of current plans/ guidelines/ strategies
3. Commission and complete study, integrating work from previous reports
4. Incorporate priority actions into organisations planning cycles
5. Oversee implementation of priority actions Final Recommendations Report delivered

						
Status	<div style="width: 10%;"></div>					
Lead Agency	Mt Alexander Shire Council					
Implementation Partners	Coliban Water, North Central CMA, Dja Dja Warrung, DELWP Loddon Mallee, VicRoads, Landcare Groups, Community and user groups of open spaces					
Location	Castlemaine					
Timeframe	2019					
Scale	Town/City					

ACTION C3

Planning for Sustainable Water Management

Many Councils across the state have concerns that they do not have sufficient planning controls/mechanisms in place for residential and commercial/industrial developments or are actively enforced by Council.

Whilst there is a prerequisite for all developments to meet the Integrated Water Management requirements of state planning schemes (clause 56.07), many Councils do not have IWM or WSUD clauses in their planning systems, or they are not actively enforced.

This is an opportunity to link with wider state-wide work to pilot new planning approaches in the Coliban forum area.

Next steps

1. DELWP to commission and undertake assessment of various local stormwater & IWM planning controls/mechanisms across the state. This piece of work will assess the effectiveness and provide recommendations.
2. Council partners in the Coliban Forum to consider how recommendations can be applied in the forum area.

Status	<div style="width: 20px; height: 10px; background-color: #ccc;"></div>
Lead Agency	Mt Alexander Shire Council
Implementation Partners	Coliban Water, North Central CMA, DELWP, VicRoads, Landcare Groups, Community and user groups of open spaces
Location	Forum area
Timeframe	Unknown – dependant on State policy progress
Scale	Forum area

ACTION C4

Lake Eppalock Hydroelectricity Project: For Country and Environment

The project aims to optimise water resource operational flexibility while also deriving cultural and ecological benefits. There are currently no environmental or cultural use water entitlements held in Malmsbury Reservoir, or any of the three Coliban River storages except for passing flows. The VEWH's Seasonal Watering Plan 2017- 18 states, there is "insufficient water available to meet all the environmental water requirements for the Coliban River". Additionally, Lake Eppalock is underutilised as a supply for Bendigo due to high electricity prices and subsequent carbon emissions from pumping.

The North Central CMA, VEWH and Coliban Water (CW) have discussed the possibility of releasing water from Malmsbury Reservoir to the Coliban River for flow into Lake Eppalock, then pumping this water to Bendigo through a hydroelectric plant. This allows for the transfer of water to Bendigo using the Coliban River instead of the Coliban Main Channel, which would provide environmental and cultural benefits to the Coliban River.

The hydroelectric plant at Lake Eppalock would enable a parcel of water to serve multiple purposes. It would also result in an increase in water security by introducing further operational flexibility, particularly in the Southern Coliban.

Next steps

1. Undertake hydroelectric plant revised concept
2. Business case development

Status	<div style="width: 40px; height: 10px; background-color: #90EE90;"></div>
Lead Agency	Coliban Water
Implementation Partners	North Central CMA, Dja Dja Wurrung Clans Aboriginal Corporation (DDWCAC), Victorian Environmental Water Holder (VEWH), GMW, DELWP
Location	Lake Eppalock and Coliban River
Timeframe	Business case development to commence early 2018/19 FY, with project to run beyond 2020.
Scale	Sub-catchment

ACTION C5

Lake Eppalock Water Quality Assessment

Lake Eppalock has historically suffered from poor water quality and is known to strongly stratify over the period when it is heavily used for water supply and recreation. Limited data is collected to enable informed decision making as to the best offtake to use for water supply and for the river release.

Large water storages also suffer from a chronic risk of poor water quality events e.g. cyanobacteria (aka blue-green algae), anoxic water, release of heavy metals into the water column and high nutrient loads. This chronic risk threatens beneficial uses such as recreation and potentially impacts on public safety. Water utilities face increased capital and operational costs to upgrade water treatment plants and costs associated with additional treatment. These costs are ultimately passed onto customers.

The project aims to obtain data that, over time, will allow for the development of predictive models of lake behaviour and the capacity in near real time to manage offtakes to improve raw water quality in supply to Bendigo or released downstream of Lake Eppalock. The project would utilise existing knowledge to refine the optimal monitoring regime. In later years there is scope to broaden the analysis into catchment scale options to manage this chronic risk.

Next steps

1. Secure commitment from stakeholders and funding
2. Undertake collation of relevant water industry research
3. Scope out an appropriate monitoring program of the water column at Lake Eppalock
4. Purchase and install monitoring equipment on the outlet tower
5. Monitor and analyse data at least on an annual basis (frequency of sampling to be determined)



Status	<div style="width: 20px; height: 10px; background-color: #c8e6c9; border: 1px solid #000;"></div>
Lead Agency	Coliban Water
Implementation Partners	GMW, North Central CMA, DELWP, Industry Associations, user groups, Lake Eppalock Advisory Group
Location	Lake Eppalock as a pilot site, but with State-wide relevance
Timeframe	2018-2020
Scale	Sub-catchment

ACTION C6

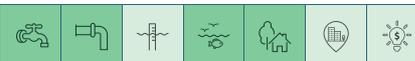
Hanging Rock Reserve Alternative Water Supply

Woodend's Recycled Water Plant produces Class C recycled water. The recycled water is supplied to the local golf club and the two recreational facilities in town, however much of this water is released to Five Mile Creek, the upper reaches of the Campaspe catchment. As the town's population increases, the volume of recycled water generated requires amendments to the EPA License, expansion of winter storage capacity and increased recycled water demand and/or upgrading the treatment capacity.

Hanging Rock Reserve is approximately 8 kilometres from the Woodend Recycled Water Plant. The reserve relies on irrigation to sustain the site's racecourse, picnic grounds and events space (the East Paddock). The site currently sources water from a dam fed by rainwater as well as a licensed extraction from Smoker's Creek which is a tributary of Five Mile Creek. An alternative water source for the site's irrigation needs will reduce reliance on the creek and dam while enhancing the site's climate resilience. Additionally, there are benefits for enhancing waterway health to removing the upstream offtake from the waterway and instead utilising water of a lesser quality which would otherwise be discharged to the waterway.

Next steps

1. Secure commitment and funding from collaborative partners
2. Commission and complete business case for the supply of recycled water from the Woodend Recycled Water Plant to Hanging Rock Reserve.
3. Incorporate priority actions into organisations planning cycles.
4. Oversee implementation of business case recommendations.

	
Status	<div style="width: 20px; height: 10px; background-color: #c8e6c9;"></div>
Lead Agency	Business case
Implementation Partners	Macedon Ranges Shire Council, DDWCAC, Taungurung CAC, DELWP, Wurundjeri
Location	Woodend and Hanging Rock
Timeframe	2020 (funding dependent)
Scale	Sub-catchment



Water tank. Courtesy: Coliban Water

ACTION C7

Macedon Ranges Northern Region IWM Plan

Woodend and Kyneton will continue to evolve over the next 20 years, with significant growth and development expected in Kyneton in particular. Changing populations and development will put pressure on stormwater, wastewater and recycled water infrastructure and also on receiving environments. The health of Five Mile Creek and the Campaspe River have also been assessed as “poor” or “moderate”. A holistic assessment of all options available in the localised area to improve the health of these waterways has not been completed to date. As Woodend and Kyneton are within the same sub-catchment, combining these IWM Plans into one project enables consideration of IWM outcomes in a holistic manner.

This project involves the development of an IWM Plan for Kyneton, building on the existing Coliban Water investigation, and revisiting and reconfirming the outputs from the Woodend IWM plan as priorities.

Next steps

1. Identifying level of commitment and resourcing required from Traditional Owner organisations to support programs
2. Secure commitment and funding from collaborative partners
3. Commission and complete study
4. Incorporate priority actions into organisations planning cycles
5. Oversee implementation of priority actions Final Recommendations Report delivered



Status	██████████
Lead Agency	Macedon Ranges Shire Council
Implementation Partners	Western Water, Coliban Water, North Central CMA, GMW, DDWCAC, Taungurung CAC
Location	Woodend and Kyneton
Timeframe	2019
Scale	Sub-catchment



Bendigo creek. Courtesy: City of Greater Bendigo

ACTION C8

Implementation of the Vision and Transition Strategy for a Water Sensitive Bendigo

In collaboration with local stakeholders, the Cooperative Research Centre (CRC) for Water Sensitive Cities developed a Vision and Transition Strategy (published July 2018) which defines a vision of a water sensitive future for Bendigo, and outlines the broad steps Bendigo should take to enable a transition towards this future.

Now that the strategy is finalised, there is a need to establish a clear governance arrangement to support the implementation of the strategy. Working in collaboration, stakeholders will prioritise and implement actions arising from the short and medium term strategic priorities identified in the plan.

Next steps

1. Identify and set up a long-term governance arrangement for the strategy
2. Prioritise actions for implementation
3. Develop lessons learnt to be applied to other towns in the region

						
Status						
Lead Agency	City of Greater Bendigo					
Implementation Partners	CRC for Water Sensitive Cities, Coliban Water, North Central CMA, Dja Dja Wurrung CAC					
Location	Bendigo					
Timeframe	2018-2020					
Scale	Town/City					

ACTION C9

Re-imagining Bendigo Creek

The project proposes to address the unrealised opportunity that a restored and revitalised urban waterway presents to the Bendigo community, from the perspective of liveability, health and wellbeing, waterway health, aesthetics, urban planning, heritage (indigenous and European) and community input, and balancing challenges such as surface water runoff affecting stormwater quality and volume.

The project will align with, and build on, the joint Dja Dja Wurrung CAC and North Central CMA Wanyarram Dhehk project (see below), integrate with the Joint Management Plan and consider the interface between the urban environment and bushland surrounding Bendigo. The community and stakeholders will be engaged in re-imagining the Bendigo Creek which is the city's most prominent urban waterway.

Next steps

1. Socialise proposal with key stakeholders and refine based on feedback
2. Secure commitment and funding from various stakeholders
3. Commission and undertake project to produce strategy and implementation plan

						
Status						
Lead Agency	City of Greater Bendigo					
Implementation Partners	North Central CMA, DDWCAC, CW, DELWP Loddon Mallee, Heritage Victoria, broader community and stakeholders					
Location	Bendigo					
Timeframe	2018-2019					
Scale	Town/City					

ACTION C10

Wanyarram Dhelk

The project aims to return the Bendigo Creek landscape to a more natural vegetated waterway. Further, this initiative will provide a focal point for the Re-Imagining Bendigo Creek project to build conversations on the potential of the waterway to support and promote cultural, environmental, recreational, and educational values through improving the health and value of waterways and the landscape.

Wanyarram Dhelk provides multiple measurable benefits including storage capacity for public open space irrigation demands, community engagement in open spaces, cool zones for local residents, youth pathways and environmental appreciation, while improving and complimenting cultural and amenity values of the area.

The next stage of the project will complete research and analysis needed to enable the final design and construction of in-stream frog ponds. The rehabilitation of the creek to perform natural functions will improve water quality, holding capacity and system ecology. This builds from preliminary feasibility work already completed.

The objectives are to establish a predominately vegetated, biologically diverse waterway that supports the wider communities' interests, whilst offering educational pathway opportunities and supporting the cultural aspirations of the Dja Dja Wurrung Traditional Owners outlined in the Dhelkunya Dja Country Plan 2014 - 2034.

A pilot of the concept has been completed in Long Gully (a tributary to Bendigo Creek) with outstanding results in improved water quality and broader environmental amenity. The Bendigo Creek reach proposed for restoration has had significant preparatory works to improve off-stream storm water.

Next steps

1. Secure additional funding
2. Proceed to full scale project implementation



Status	<div style="width: 100%; height: 10px; background-color: #4CAF50;"></div>
Lead Agency	Djandak
Implementation Partners	Dja Dja Wurrung Clans Aboriginal Corporation, DELWP, COGB, North Central CMA, Weeroona College, Eaglehawk College
Location	Bendigo
Timeframe	2018
Scale	Sub-catchment

ACTION C11

Aboriginal Waterway Assessment – Campaspe River

Conversations and shared understanding of how water is managed, shared and passed on between Traditional Owners is a vital part of ensuring healthy and valued waterways. Through walking together and sharing understanding of the values of waterways between traditional owner groups not only are the values of water in place understood but also the values and obligations to other groups of how water is passed on through the landscape.

This project is one of a series of Aboriginal Waterway Assessments that looks to initially support the capturing of cultural values along waterways by multiple Traditional Owner groups. This initial capturing of cultural values and condition will support a shared conversation on the needs of water passing through the system and how this can be maintained. The project will go beyond a standard Aboriginal Waterway Assessment, with the view to inform policy on the cultural values of waterways across multiple Traditional Owner groups.

The Campaspe River will be assessed in a reach which form the boundary between Taungurung CAC and Dja Dja Wurrung CAC to support conversations around the sharing of water. There is an opportunity for Yorta Yorta Nations to undertake an assessment on the lower Campaspe to build the conversation to be one about the passing on of water.

Next steps

1. Refine scope with collaborative partners

Status	<div style="width: 20px; height: 10px; background-color: #c8e6c9; border: 1px solid #ccc;"></div>
Lead Agency	Yorta Yorta Nations AC
Implementation Partners	Djandak, Taungurung CAC, Barapa Land and Water, Water for Country, North Central CMA, MLDRIN, FTOCV, GMW, Coliban Water
Location	Upper Campaspe
Timeframe	2018-2019 (funding dependent)
Scale	Sub-catchment



Wanyarram Dhelk – Frog Pond. Courtesy: DDW

ACTION C12

Greening Trentham for Water Security and Healthy Waterways

The town of Trentham suffers from a declining reliability of groundwater supply, which has potential to affect the township in the coming years based on current population growth which also critically affects the ability for irrigation of green space. Water quality is also an important component, restoring the health of urban waterways of Trentham by managing stormwater to replicate a near-natural water balance will also assist water security.

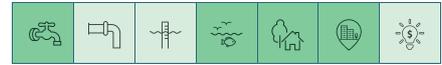
This project is to undertake a water supply security assessment for the township of Trentham, encompassing all relevant IWM components, including appropriate controls and targets for the management of stormwater releases to waterways.

This will include potable and non-potable water and nutrient balance, wastewater management and recycled water demand assessment, stormwater management for waterway protection, opportunities to restore the health of urban waterways, stormwater reuse opportunities, flooding and waterway health and liveability aspects of the water cycle in the township.

The project has strong links with the Upper Coliban IWM Plan and could also integrate learnings from the Wanyarram Dhelk project.

Next steps

1. Secure commitment and funding from collaborative partners
2. Identify level of commitment and resourcing for traditional owner participation in the process
3. Commission and complete study
4. Incorporate priority actions into organisations planning cycles
5. Oversee implementation of priority actions
6. Final recommendations report delivered



Status



Lead Agency

Hepburn Shire Council

Implementation Partners

Coliban Water, North Central CMA, GMW, DELWP

Location

Trentham

Timeframe

2019 (funding dependent)

Scale

Town/City



Class A recycled water. Courtesy: Coliban Water

ACTION C13

Campaspe: Planning for Future Water Management

This framework will establish a strategic direction and engagement process with the intent to embed integrated water management across Campaspe Shire Council.

The strategic framework will provide the local link between the state government's direction set in *Water for Victoria* and providing a voice for the community and traditional owners and the delivery of placed based initiatives.

The project scope will achieve the following:

- Identify projects that meet the Campaspe Shire Council's strategic direction and provide outcomes that improve the liveability for the community
- Provide a prioritised IWM project list to be budgeted and delivered by Campaspe Shire Council and key partners
- Align Campaspe Shire Council's strategic processes, policies, services, capital delivery and asset management processes with IWM
- Work with key agencies and authorities to consider their role in the leadership of IWM Planning and Delivery, including coordination with the Goulburn Broken IWM Forum
- Embed the value of IWM within the Shire and its key stakeholders by focusing on education
- Identify key actions to empower Traditional Owners in participating in IWM.

Campaspe Shire Council secured commitment and co-funding from all implementation partners in June 2018.

Next steps

1. Commission work and develop framework
2. Incorporate recommendations and prioritised projects into Campaspe Shire Council and other key stakeholder processes

	
Status	<div style="width: 100%; height: 10px; background-color: #ccc;"></div>
Lead Agency	Campaspe Shire Council
Implementation Partners	GBCMA, North Central CMA, Coliban Water, Goulburn Valley Water, DELWP, DDWCAC, Barapa Barapa, Yorta Yorta NAC
Location	Municipality of Campaspe Shire
Timeframe	2018-2019
Scale	Sub-catchment

ACTION C14

Upper Coliban Integrated Catchment Plan

The Upper Coliban catchment provides raw water for drinking water purposes for over 130,000 people as well as having a range of additional environmental, social, cultural and economic values. The catchment faces known threats from existing and future developments, uncontrolled livestock access to waterways and riparian areas and from climate change.

In response to the threats facing the catchment, Coliban Water and the North Central Catchment Management Authority (CMA), with active participation of other stakeholders (landholders, local Landcare groups, local and Victorian government agencies and Goulburn Murray Water), undertook a comprehensive analysis of the benefits and costs of protecting and enhancing the Upper Coliban catchment. As a result, this Integrated Catchment Management Plan was developed.

This project will implement the Upper Coliban Integrated Catchment Plan. The Plan has a 20-year horizon and has been developed around three specific, measurable, achievable, realistic and time-bound goals which address future development pressures, waterway protection and habitat connectivity goals.

The Plan involves a range of on-ground actions (stock exclusion from waterways, riparian regeneration and revegetation, willow removal) and additional municipal planning scheme amendments through development of Environmental Significance Overlays to protect raw water supplies. In addition, it proposes supporting community education, extension and compliance activities.

Next steps

1. Secure long-term funding
2. Staged implementation of actions



Status	<div style="width: 100%; height: 10px; background-color: #ccc;"></div>
Lead Agency	North Central CMA
Implementation Partners	Coliban Water, Dja Dja Wurrung CAC, DELWP, Macedon Ranges Shire, Hepburn Shire, Landcare Groups
Location	Upper Coliban Catchment
Timeframe	Over 15 years, with initial stage in next 2 years
Scale	Sub-catchment



Malmsbury Reservoir. Courtesy Coliban Water

ACTION C15

Managed Aquifer Recharge for the Coliban Region

Water resources in the Coliban Region face a range of pressures. Managed Aquifer Recharge (MAR) can provide a tool to help in critical periods by providing a reservoir that stores excess water for later use, thereby reducing pressure on river systems.

Currently, information on likely aquifers likely to support MAR is limited and has no consistent information available to Water Corporations or other interested parties who may wish to consider development of a MAR Scheme. There is also an absence of relevant case studies that also may help to inform acceptability criteria.

The Campaspe Deep Lead downstream of Lake Eppalock is a proposed as a case study in the Coliban Region to develop information and provide a template for further application.

Issues to be dealt with include::

- Identifying the capacity and nature of the aquifer
- Identifying and quantifying potential sources of recharge water
- Development of generalised aquifer charging strategies (timing, quantity, sources)
- Addressing policy issues including re-injection of treated water, or water with different characteristics
- Addressing the need to integrate stored water management with existing groundwater management plans
- Development of systems of accounting within the requirements of the Murray Darling Basin SDLs – partitioning of water recharged so not counted as extracted groundwater.

Next steps

1. Secure funding
2. Scope case studies and broader state-wide learnings

	
Status	<div style="width: 20px; height: 10px; background-color: #ccc;"></div>
Lead Agency	Goulburn Murray Water
Implementation Partners	Coliban Water
Location	Coliban Region
Timeframe	2018-2020
Scale	Forum area

References

- i Coliban Water (2017) *Urban Water Strategy*.
- ii DELWP (2016) *Climate Ready Victoria – Loddon Mallee Fact Sheet*.
- iii Coliban Water (2017) *Urban Water Strategy*.
- iv Coliban Water (2017) *Urban Water Strategy*.
- v North Central Catchment Management Authority (2014) *Waterways Strategy*.

8.4 REPORT DETAILING THE EVALUATION OF CONTRACT G1279-2018 SPRAY SEALING ANNUAL CONTRACT

Author: Coordinator Assets

Responsible General Manager: General Manager Infrastructure Assets and Planning

The Officer presenting this report, having made enquiries with relevant members of staff, reports that no disclosable interests have been raised in relation to this report.

SUMMARY/PURPOSE:

This report recommends that contract G1279-2018 for spray sealing services, be awarded to Boral Resources P/L, after a public tender process.

The spray seal contractor will renew deteriorating sections of the existing sealed road network.

The tender is a joint tender with Loddon Shire Council. Tender figures quoted in this report are for Central Goldfields Shire only, and any contract entered into will be between the successful tender and Central Goldfields Shire.

POLICY CONTEXT:

The relevant Council Plan reference is:

Urban and Rural Services	Maintain the Council's major asset categories – such as roads, bridges, footpaths, kerb and channel, drainage and buildings to meet defined service levels including standards in accordance with Council's Asset Management Plan
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Relevant policies:

Procurement Policy Version 11 adopted April 2018	This Policy is made under Section 186A of the Local Government Act 1989 ("the Act"). This section of the Act requires Council to prepare, approve and comply with a procurement policy encompassing the principles, processes and procedures applied to all purchases of goods, services and works by Council.
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BACKGROUND INFORMATION:

Council provides resealing services to the community in accordance with the Local Government Act 1989 and the Road Management Act 2004. The Local Government Act 1989 section 208 requires Council to consider "Best Value".

The provision of the resealing service is guided by Councils current Road Management Plan (RMP) which was adopted April 2017.

The Local Government Act 1989 (the Act) provides relevant direction to local government in regards to procurement and contracts. Section 186 of the Act requires Councils to undertake competitive market testing processes before entering into contracts for purchase of goods or services or for the carrying out of works for the value of \$150,000 or above. The Act imposes specific restrictions on Council in regard to entering such contracts.

Important provisions within Section 186 include minimum standard processes for giving public notice of the purpose of contracts in excess of the value of \$150,000. Nothing in Section 186 of the Act requires Council to accept the lowest tender or to accept any tender.

Each financial year council allocates a significant portion of funding to the renewal of the existing sealed road network. The existing sealed road network is composed of approximately 524km of seal valued at \$15,014,912. The annual sealing list is produced from the Asset Management System, which has recent condition data on all 524km of seal (last condition audit was completed in January 2018).

The tender is a joint tender with Loddon Shire Council. Tenders were called early with the expectation that it would improve tender pricing. Tender figures quoted in this report are for Central Goldfields Shire only. The contract entered into will be between Central Goldfields Shire and the successful tenderer.

REPORT:

Council received five tender responses from; Boral Resources (Vic) Pty Ltd, Rich River Asphalt Pty Ltd, Quality Roads Pty Ltd, Sprayline Road Services, and Inroads Pty Ltd. Confidential Attachment (1) provides an evaluation of the tenders.

The assessment criteria used was:

- Risk Management. (Pass/Fail)
- Financial Benefit to Council (50%)
- Capability of delivering outcomes. (25%)
- Capacity to deliver extent of works. (20%)
- Financial Benefit to Community (5%)

The recommended tender is Boral Resources P/L. This company has the capacity and capability to undertake the sprayseal work to a high standard.

CONSULTATION/COMMUNICATION:

The tender was advertised using a standard process.

Consultation was undertaken with Loddon Shire Council representatives to prepare the specifications. The request for tenders was advertised in The Age, Bendigo Advertiser, Ballarat Courier, Maryborough Advertiser and Councils web page in compliance to section 186 of the Local Government Act.

The public will be notified on a job by job basis when the works are being underway.

FINANCIAL & RESOURCE IMPLICATIONS:

Five tenders were received.

TENDERER	PRICE (CGSC)
Boral Resources P/L.	\$775,497.80
Inroads Pty Ltd	
Quality Roads Pty Ltd	
Rich River Asphalt	
Sprayline.	

The recommended tender submission of \$775,497.80 (GST Inclusive) is within Council's 2018/19 budget allocation for sealing works of \$896,500 (GST Inc).

The \$896,500 sealing budget is expended:

\$104,500 allocated for seal preparation works required prior to the reseals, and contract preparation and management – carried out by council staff

\$775,497.80 tender submission price to undertake seals

\$16,502.20 contingency

CONCLUSION:

A full tender evaluation was conducted and Boral Resources (Vic) Pty Ltd received the highest evaluation score and are the recommended tenderer for the award of the contract G1279-18 for the contract sum of \$775,497.80 (GST Inclusive). As the contract value is greater than the CEO's delegation, this contract will be presented to Council for awarding at the next Ordinary Meeting of Council.

ATTACHMENTS:

Nil

RECOMMENDATION:

It is recommended that Council:

- *Award the Annual Spay Seal contract for 2018/19 G1279-2018 to Boral Resources (Vic) Pty Ltd for \$775,497.80 (GST Inclusive).*
- *Authorise the Chief Executive Officer to sign and affix the Common Seal to the contract documentation for Contract G1279-2018 for Annual Spray Sealing 2018/2019*

8.5 OCTOBER FINANCIAL REPORT

Author: Finance Manager

Responsible General Manager: General Manager Corporate Performance

The Officer presenting this report, having made enquiries with relevant members of staff, reports that no disclosable interests have been raised in relation to this report.

SUMMARY/PURPOSE:

Monthly financial reports are presented to Council to show Council's financial performance and how it is tracking against the adopted (original) budget.

POLICY CONTEXT:

Central Goldfields Shire Council's Council Plan 2017-2021 (2018 Refresh) – Our Organisation

Outcome: Central Goldfields Shire is a proactive, well governed, professional and financially sustainable organisation.

4.1 Objective: Ensure the financial sustainability of Council through efficient and effective delivery of services.

BACKGROUND INFORMATION:

This finance report is provided for the year to 31 October 2018 and does not include results for Council's Section 86 Committees such as the Tullaroop Leisure Centre which are consolidated within the annual financial report at year end.

FINANCIAL REPORT:

The monthly financial report comprises the following:

- Operating Statement;
- Balance Sheet;
- Statement of Changes in Equity;
- Cash Flow Statement;
- Statement of Capital Works
- Rate and General Debtor Information;
- Investment Schedule.

Operating Statement

The operating result, incorporating approved carry forwards, for the year to date as at 31 October was a surplus of \$9.33 million. Income is at \$18.81 million compared to a budgeted income of \$18.53 million, a variance of (1.5%).

Expenditure is at \$9.47 million compared to budgeted expenditure of \$10.05 million, a variance of 5.8% for the year to date. The variation is primarily attributable to the timing of waste related expenditure.

Statement of Financial Position

Council's equity position has increased from 30 June 2018, due to the levying of rates and charges during August. Refer to the receivables summary for an explanation for the movement in current receivables.

The creditors balance includes the Fire Services Property Levy (FSPL) which totalled \$1.11 million as at 31 October 2018. This balance includes arrears, however, excludes the FSPL Concession (which effectively reduces the payable amount). Council's first quarterly instalment for 2018-2019 was paid to the CFA on 26 October 2018.

Statement of Changes in Equity

Council has not budgeted to make any transfers to reserve during the 2018-2019 year, with the movement within the statement of changes in equity equating to the operating result.

Cash Flow Statement

The balance of cash and investments as at 31 October 2018 is \$6.46 million, which includes \$5.25 million in short-term deposits.

Council's cash position is higher than budget, due to the cash at the beginning of the period being \$4.04 million more than budget. This was primarily due to the early payment of 50% of Council's 2018/2019 Financial Assistance Grant funding in June 2018 (\$1.98 million), and deferred capital works.

Future cash flows are being monitored closely to enable completion of scheduled works and meeting recurrent obligations, as well as ensuring surplus funds are invested to generate maximum interest revenue.

Capital Works Statement

The 2018-2019 budget included a capital works budget of \$6.21 million, and with the addition of \$465,875 in approved carried forward projects, the budget now totals \$6.67 million across property, plant and equipment and infrastructure asset classes. As at 31 October, Council had expended \$954,332 on capital works.

Receivables Summary

The Rate Debtor balance at 31 October is \$11.99 million (excluding FSPL), which is \$469,021 or 4% higher than this time last year, primarily due to the 2.25% increase in rates and increase in garbage service charges.

This level of arrears is consistent with the same time last year at 6.9% (6.7% as at 31 October 2017). Those ratepayers with arrears are currently being progressed for additional debt collection action in accordance with Council's Debt Collection Policy.

The Other Debtors balance totals \$494,917 which is \$214,524 or 30% lower than this time last year. This is primarily due to Council's GST Debtor being \$208,764 lower than this time

last year, as a result of increased contractor expenditure (including GST) in the prior year due to flood recovery works.

Operating and Cash Flow Budget Amounts

Council's budget forecast for 2018-2019 has been divided into monthly amounts. While every attempt is made to accurately predict when income and expenditure will occur and phase budgets appropriately, Council should make allowances for variations in these monthly budget allocations throughout the year. This is especially true for receipt of non-recurrent Government grants and completion of capital and large maintenance works which can be planned but not proceed due to a variety of issues including variable weather.

The monthly year-to-date (YTD) operating budget forecast amounts should be used to indicate budget position rather than an absolute result for each month.

CONSULTATION/COMMUNICATION:

Nil required to this report.

FINANCIAL & RESOURCE IMPLICATIONS:

Nil.

CONCLUSION:

The financial position to the end of October 2018 does not highlight any issues for concern, however is impacted by the following:

- The timing of waste related expenditure.

Rate Debtor balances will continue to be monitored with debt collection action to be undertaken in accordance with Council's Debt Collection Policy.

Surplus funds have been invested to ensure interest earnings are maximised, and cash flows are to be monitored closely.

ATTACHMENTS:

1. 31 October 2018 Financial Report

RECOMMENDATION:

That Council receives and notes the attached October 2018 Financial Report showing progress against the budget, as presented.

CENTRAL GOLDFIELDS SHIRE

Operating Statement

For Period 1 July 2018 to 31 October 2018

	Actual Year to Date \$	Budget Year to Date \$	Variation on Budget	% Variation	Annual Budget \$
Revenues					
Community	541,044	415,469	125,575	30.2%	1,330,223
Health & Human Services	1,596,818	1,553,953	42,865	2.8%	4,024,892
Economic Development	340,105	274,017	66,088	24.1%	754,247
Culture & Heritage	155,923	70,969	84,954	119.7%	153,062
Recreation & Leisure	14,824	4,298	10,526	244.9%	221,057
Transport	667,811	833,355	(165,544)	(19.9%)	2,652,930
Waste & Environment	3,118,155	3,037,522	80,633	2.7%	3,294,203
Administration	179,574	101,845	77,729	76.3%	298,017
Rates	11,632,410	11,639,155	(6,745)	(0.1%)	11,632,488
Financial Assistance Grants	505,924	479,201	26,723	5.6%	1,916,807
Profit/(Loss) on sale of Fixed Assets	62,720	120,829	(58,109)	(48.1%)	100,829
	18,815,308	18,530,613	284,695	1.5%	26,378,757
Expenditures					
Community	671,042	566,091	104,951	18.5%	1,659,167
Health & Human Services	1,369,483	1,360,063	9,420	0.7%	4,047,918
Economic Development	591,614	672,484	(80,870)	(12.0%)	1,975,129
Culture & Heritage	305,004	294,738	10,266	3.5%	832,825
Recreation & Leisure	921,409	1,119,924	(198,515)	(17.7%)	3,232,287
Transport	3,081,985	3,193,133	(111,148)	(3.5%)	9,190,373
Waste & Environment	699,526	1,102,541	(403,015)	(36.6%)	3,283,541
Administration	1,837,242	1,747,668	89,574	5.1%	4,888,368
	9,477,305	10,056,642	(579,337)	(5.8%)	29,109,608
Surplus/(Deficit) on operations	9,338,003	8,473,971	864,032	10.2%	(2,730,851)

CENTRAL GOLDFIELDS SHIRE

Balance Sheet

	30-Jun-18	31-Oct-18
	\$	\$
Current Assets		
Cash	8,718,243	6,461,739
Receivables	2,212,535	14,098,279
Other	381,081	168,209
Non-current assets held for resale	573,394	245,223
Total Current Assets	11,885,253	20,973,449
Current Liabilities		
Creditors	3,245,044	1,731,102
Borrowings	574,803	544,358
Provisions	2,432,694	2,432,694
Total Current Liabilities	6,252,541	4,708,154
NET CURRENT ASSETS	5,632,713	16,265,296
Non-Current Assets		
Land Under Roads	381,486	381,486
Land & Buildings	46,010,465	45,590,167
Plant & Machinery	3,919,461	3,764,629
Furniture & Equipment	207,917	137,525
Infrastructure	266,524,875	264,862,314
Artwork Collection	210,990	210,990
Library Bookstock	349,277	349,277
Works in Progress	390,181	1,351,466
Total Non-Current Assets	317,994,653	316,647,855
Non-Current Liabilities		
Other Liabilities	69,115	69,115
Borrowings	3,885,313	3,885,313
Provisions	599,357	597,865
Total Non-Current Liabilities	4,553,785	4,552,293
NET ASSETS	319,073,580	328,360,858
Equity		
Accumulated Surplus	122,225,443	131,512,721
Reserves	196,848,137	196,848,137
TOTAL EQUITY	319,073,580	328,360,858

CENTRAL GOLDFIELDS SHIRE

Statement of Changes in Equity

For the period ended 31/10/18

	Accumulated Surplus	Reserves	Total
Balance at beginning of period	122,225,443	196,848,137	319,073,580
Adjustments due to changes in accounting policies	0	0	0
	<hr/>	<hr/>	<hr/>
	122,225,443	196,848,137	319,073,580
Increase/(Decrease) in net assets resulting from operations	9,338,003	0	9,338,003
Transfers to reserves	0	0	0
Transfers from Reserves	0	0	0
Balance at end of period	131,563,446	196,848,137	328,411,583

CENTRAL GOLDFIELDS SHIRE

Cash Flow Statement

For the period ended 31/10/18

	Actual Year to Date Inflows/ (Outflows)	Budget Year to Date Inflows/ (Outflows)
Cash flows from operating activities		
Payments		
<i>Community</i>	(658,221)	(566,091)
<i>Health & Human Services</i>	(1,359,295)	(1,360,063)
<i>Economic Development</i>	(560,484)	(672,484)
<i>Culture & Heritage</i>	(265,532)	(294,738)
<i>Recreation</i>	(688,699)	(1,119,924)
<i>Transport</i>	(3,600,057)	(3,193,133)
<i>Waste & Environ</i>	(654,780)	(1,102,541)
<i>Administration</i>	(1,742,196)	(1,747,668)
	<u>(9,529,263)</u>	<u>(10,056,642)</u>
Receipts		
<i>Community</i>	559,159	415,469
<i>Health & Human Services</i>	1,596,818	1,553,953
<i>Economic Development</i>	340,105	274,017
<i>Culture & Heritage</i>	155,923	70,969
<i>Recreation</i>	14,824	4,298
<i>Transport</i>	660,857	833,355
<i>Waste & Environ</i>	1,016,342	536,381
<i>Administration</i>	636,691	101,845
<i>Debtors/Rates</i>	2,384,533	2,054,067
<i>FSPL collected/paid</i>	22,117	0
<i>Grants Commission</i>	505,924	479,201
	<u>7,893,292</u>	<u>6,323,555</u>
Net cash inflow/(outflow) from operating activities	<u>(1,635,970)</u>	<u>(3,733,087)</u>
Cash flows from investing activities		
<i>Proceeds from Sale Fixed Assets</i>	438,891	461,000
<i>Payments for Capital Works</i>	(954,332)	(1,305,306)
	<u>(515,441)</u>	<u>(844,306)</u>
Net cash inflow/(outflow) from investing activities		
Cash flows from financing activities		
<i>Financing costs</i>	(23,923)	(30,140)
<i>Repayment of loan borrowings</i>	(30,445)	(30,444)
	<u>(54,368)</u>	<u>(60,584)</u>
Net cash inflow/(outflow) from financing activities		
Net increase (decrease) in cash	<u>(2,205,779)</u>	<u>(4,637,977)</u>
<i>Cash at beginning of the financial period</i>	8,718,243	4,678,219
Cash at the end of October	<u>6,512,463</u>	<u>40,242</u>

CENTRAL GOLDFIELDS SHIRE COUNCIL

Statement of Capital Works

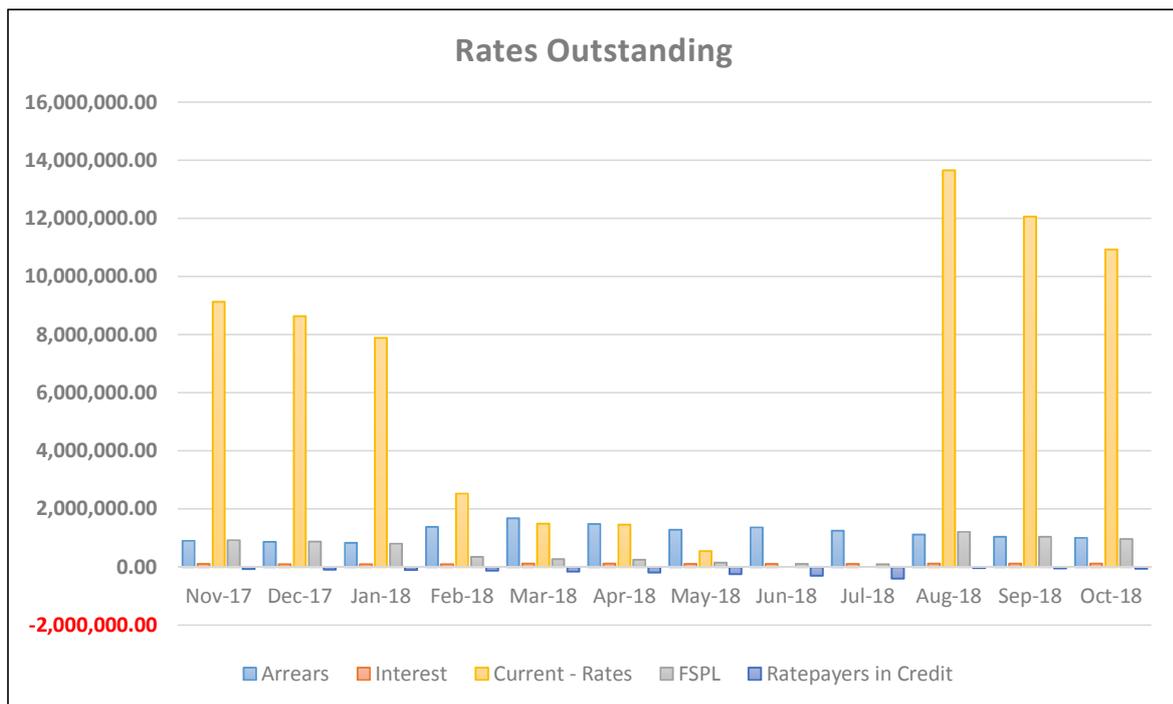
For the period ended 31/10/18

	Budget 2018-20198	Budget Year to Date	Actual Year to Date
Property			
Land	104,665	-	13,129
Land Improvments	15,500	2,000	1,435
Buildings	492,000	28,000	43,688
Total property	612,165	30,000	58,252
Plant and equipment			
Plant, machinery and equipment	619,000	281,000	72,543
Fixtures, fittings and furniture	329,945	140,000	12,951
Total plant and equipment	948,945	421,000	85,494
Infrastructure			
Roads	2,620,288	632,821	373,348
Bridges and major culverts	954,837	-	142,159
Pathways	156,000	50,000	58,347
Drainage	678,160	42,000	71,561
Parks, Open Space & Streetscapes	203,000	66,000	2,972
Car Parks	35,000	-	-
Other Infrastructure	467,980	63,485	162,199
Total infrastructure	5,115,265	854,306	810,586
Total capital works expenditure	6,676,375	1,305,306	954,332
Represented by:			
New asset expenditure	1,098,485	483,485	157,621
Asset renewal expenditure	3,324,053	711,821	546,936
Asset upgrade expenditure	2,253,837	110,000	249,775
Total capital works expenditure	6,676,375	1,305,306	954,332

CENTRAL GOLDFIELDS SHIRE

Receivables - Rates

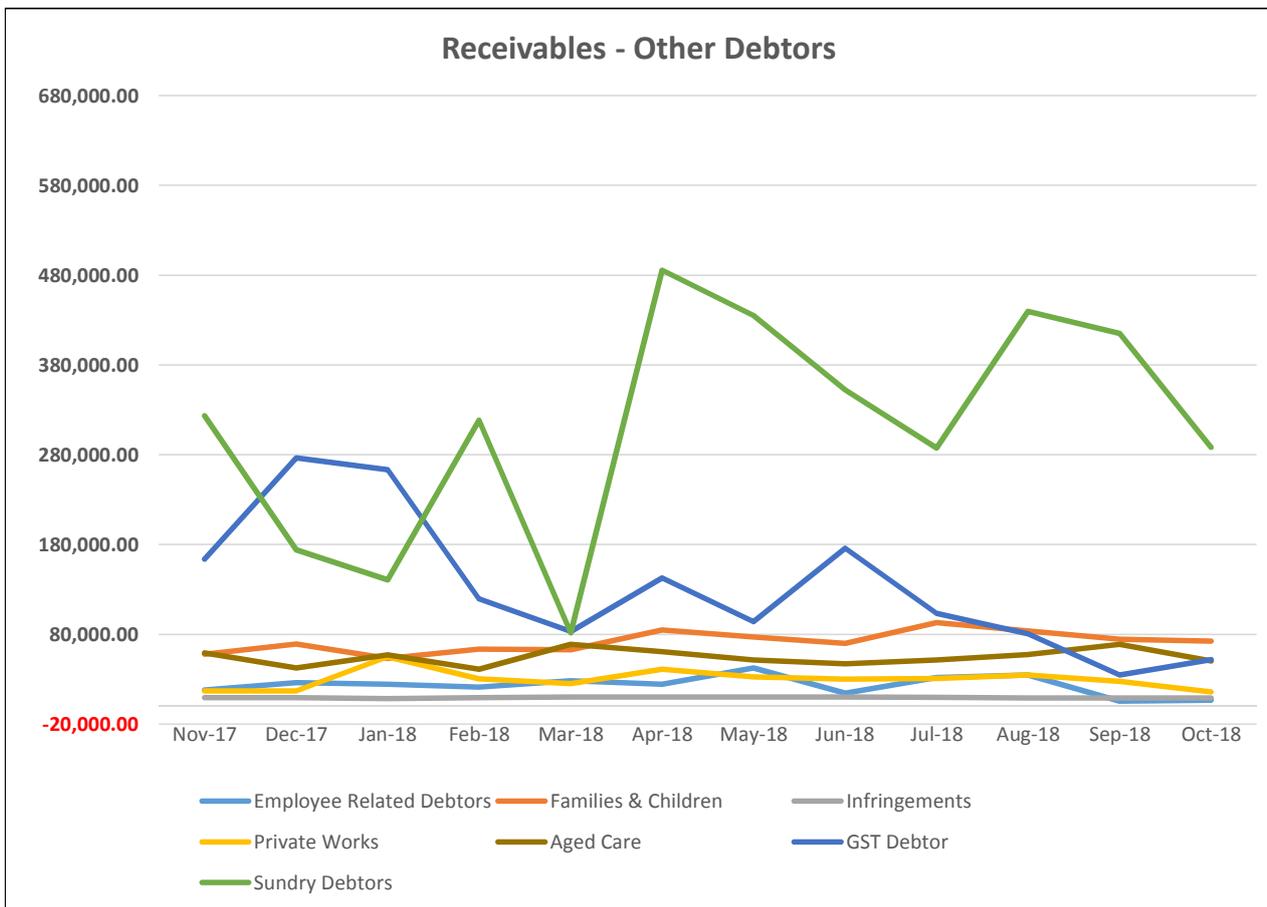
	31 October 2017		31 October 2018	
	Amount \$	% (Rate Income)	Amount \$	% (Rate Income)
Arrears	942,450.73	6.7%	1,005,032.92	6.9%
Interest	107,253.81	0.8%	115,476.22	0.8%
Current - Rates	10,476,384.23	74.7%	10,874,601.01	74.3%
Total (excluding FSPL)	<u>11,526,088.77</u>	<u>82.2%</u>	<u>11,995,110.15</u>	<u>82.0%</u>
Annual Rate Movement			469,021.38	4%
Fire Services Property Levy (FSPL)	1,058,989.91		965,779.18	
Total Rates (including FSPL)	<u>12,585,078.68</u>		<u>12,960,889.33</u>	



CENTRAL GOLDFIELDS SHIRE

Receivables - Other Debtors

	31 October 2017		31 October 2018	
	Amount \$	% (Budget Income)	Amount \$	% (Budget Income)
Employee Related Debtors	15,605.21	0.1%	6,605.45	0.1%
Families & Children	64,639.67	0.4%	72,463.63	0.7%
Infringements	9,974.70	0.1%	9,134.05	0.1%
Private Works	13,448.10	0.1%	15,974.33	0.2%
Aged Care	53,654.26	0.3%	50,515.58	0.5%
GST Debtor	260,722.63	1.7%	51,958.36	0.5%
Sundry Debtors	291,397.68	1.9%	288,266.12	2.9%
	709,442.25	1.0%	494,917.52	1.6%
Annual Movement			(214,524.73)	-30%

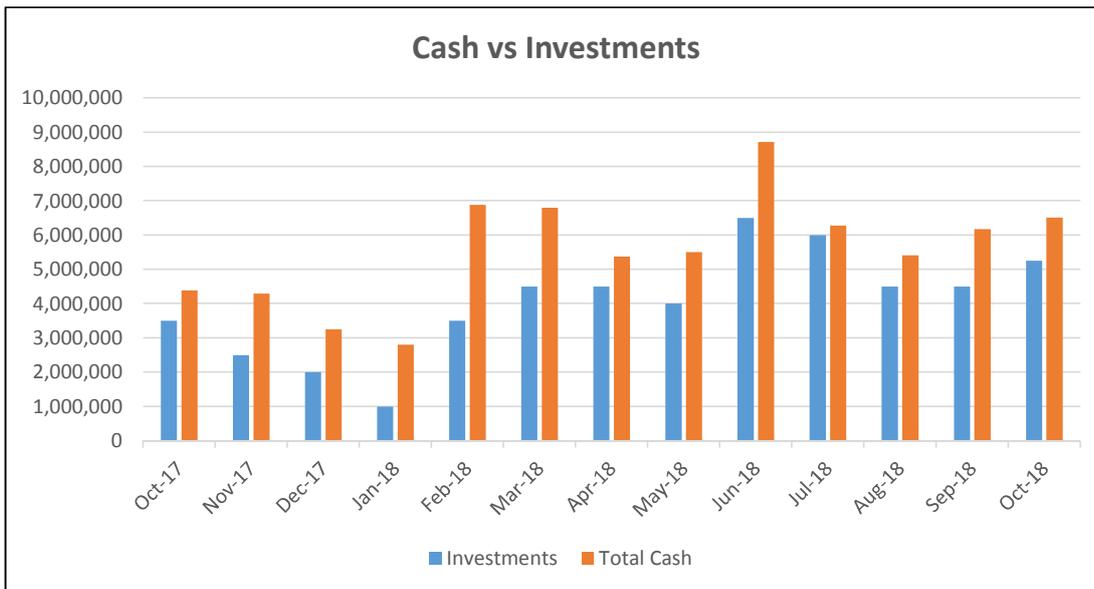


CENTRAL GOLDFIELDS SHIRE

Investment Register as at 31 October 2018

Financial Institution	Term	Maturity Date	Rating	Amount \$	Interest Rate
Bankwest	60 d	23-Nov-18	A1+	500,000.00	2.50%
ME Bank	90 d	26-Nov-18	A2	500,000.00	2.65%
Bankwest	90 d	04-Dec-18	A1+	500,000.00	2.65%
NAB	91 d	13-Dec-18	A1+	500,000.00	2.60%
ME Bank	90 d	17-Dec-18	A2	500,000.00	2.66%
Bank Australia	90 d	07-Jan-19	A2	500,000.00	2.87%
NAB	90 d	14-Jan-19	A1+	750,000.00	2.68%
ME Bank	100 d	31-Jan-19	A2	500,000.00	2.65%
Bankwest	120 d	19-Feb-19	A1+	500,000.00	2.65%
AMP	183 d	23-Apr-19	A1	500,000.00	2.75%
Total				\$ 5,250,000	

NB: The balance of cash is held within Cheque Accounts and At Call Accounts.



9.1 DOCUMENTS FOR SEALING CONFIRMATION REPORT

Author: General Manager Corporate Performance

Responsible General Manager: General Manager Corporate Performance

The Officer presenting this report, having made enquiries with relevant members of staff, reports that no disclosable interests have been raised in relation to this report.

SUMMARY/PURPOSE:

The purpose of this report is to present to Council for endorsement documents that have been signed under Council's common seal, via delegation, since the last Ordinary Council meeting.

POLICY CONTEXT:

Central Goldfields Shire Council's Council Plan 2017-2021 (2018 Refresh) – Our Organisation

Outcome: Central Goldfields Shire is a proactive, well governed, professional and financially sustainable organisation.

4.3 Objective: Provide leadership in governance and Council decision making.

BACKGROUND INFORMATION:

The Local Government Act 1989 (the Act) states that Council is a body corporate with perpetual succession and must have a common seal.

The Act also allows for the delegation to a member of the Council staff the power to sign, seal, issue, revoke or cancel any notice, order or agreement on behalf of the Council, via a Local Law.

In the case of Central Goldfields Shire Council, regulation of the common seal is dealt with under section 9 of Council's Governance Local Law 2015.

REPORT:

Since the last Council meeting two documents have been signed under seal.

1. A mortgage of lease document was signed under seal on 22 October 2018. This mortgage of lease document facilitated the transfer of an existing mortgage of lease from an expired lease to a new lease. Further details are provided in the confidential attachment.
2. A delegations of powers, functions and duties from Council to staff document was signed under seal on 24 October 2018.

CONSULTATION/COMMUNICATION:

Nil.

FINANCIAL & RESOURCE IMPLICATIONS:

Nil.

CONCLUSION:

The mortgage of lease document was signed under seal as part of Council's normal operational activity, and maintains the pre-existing rights and obligations of both Council and Council's tenant.

The delegations of powers, functions and duties from Council to staff document is a routine Council document that supports good governance of the Council.

ATTACHMENTS:

Nil

RECOMMENDATION:

That Council endorse the mortgage of lease document, and the delegations of powers, functions and duties from Council to staff document, both of which have been signed and sealed under delegation on behalf of Council.