

The meeting commenced at 10.00am

PRESENT

Cr D Palmer, Cr G Armstrong, Cr D McCann, Cr L McGlynn, Cr K Morris, Cr M Stadtmiller, Cr G Sinclair.

ALSO IN ATTENDANCE

Mr A Drenovski (General Manager), Mr G Veneris (Production and Services Manager), Mr T Goodyer (Operations Manager), Ms M Curran (Corporate Services Manager) Mr P Goesch (Acting Engineering Manager), Mrs A Coleman (Executive Assistant).

1. LEAVE OF ABSENCE/APOLOGIES

BOARD RESOLUTION

19/104 RESOLVED on the motion of Crs Sinclair and McCann that Cr B Callow be granted a leave of absence.

2. ACKNOWLEDGEMENT OF COUNTRY

I would like to acknowledge the Wiradjuri people who are the Traditional Custodians of the Land. I would also like to pay respect to their people both past and present and extend that respect to other Aboriginal Australians who are present.

3. PRESENTATIONS

Nil

4. DECLARATION OF PECUNIARY INTERESTS

Nil

5. DECLARATION OF NON PECUNIARY INTERESTS

Nil

6. CONFIRMATION OF MINUTES OF MEETINGS HELD ON 24 OCTOBER 2019,

BOARD RESOLUTION

19/105 RESOLVED on the motion of Crs McGlynn and McCann and that the minutes of the meetings held on the 24 October 2019, having been circulated and read by members be confirmed.

7. BUSINESS ARISING FROM MINUTES

Nil

8. CORRESPONDENCE

Nil

9. ADMISSION OF LATE REPORTS

Nil

10. NOTICES OF MOTION / RESCISSION MOTIONS

Nil

11. CHAIRPERSON'S MINUTE

Nil

12. MATTERS TO BE SUBMITTED TO OPEN COUNCIL

12.1. MATTERS SUBMITTED BY CORPORATE SERVICES MANAGER

12.1.1. COUNCIL INVESTMENTS

BOARD RESOLUTION

19/106 RESOLVED on the motion of Crs Sinclair and McCann that the report detailing Council Investments as at 30 November 2019 be received and noted.

Report prepared by Corporate Services Manager

COUNCIL OFFICER RECOMMENDATION

That the report detailing Council Investments as at 30 November 2019 be received and noted.

ALIGNMENT WITH BUSINESS ACTIVITY STRATEGIC PLAN

09 Financially Sustainable

BACKGROUND

A report on Council's Investments is required to be presented for Council's consideration in accordance with Clause 212 of the Local Government (General) Regulation 2005.

REPORT

Council's investment portfolio increased by \$500,000 from \$50,750,000 as at 30 September 2019 to \$51,250,000 as at 30 November 2019. This increase is a timing correction following the decrease in cash reported to the October 2019 meeting.

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Investment Portfolio

Type	Rating	Issuer	Frequency	Purchase	Maturity	Days	Rate	Benchmark*	Principal
TD	A	ING Direct	Annual	11/12/2017	9/12/2019	728	2.91	1.48	\$3,000,000
TD	A	ING Direct	Annual	20/12/2017	23/12/2019	733	2.87	1.48	\$3,000,000
TD	BBB+	Rural Bank	Annual	14/02/2018	14/02/2020	730	2.86	1.48	\$3,000,000
TD	BBB+	AMP Bank	At Maturity	26/02/2019	26/02/2020	365	2.75	1.48	\$1,000,000
TD	A-	Macquarie Bank	At Maturity	16/09/2019	17/03/2020	183	1.75	1.08	\$2,000,000
TD	BBB+	AMP Bank	At Maturity	20/03/2019	19/03/2020	365	2.75	1.48	\$1,000,000
TD	NR	Police Credit Union SA	Annual	21/03/2018	23/03/2020	733	3.02	1.48	\$1,000,000
TD	BBB+	AMP Bank	Annual	16/05/2019	15/05/2020	365	2.35	1.48	\$1,000,000
TD	BBB+	AMP Bank	At Maturity	12/11/2019	12/05/2020	182	1.80	1.08	\$1,000,000
TD	BBB+	AMP Bank	At Maturity	12/11/2019	12/05/2020	182	1.80	1.08	\$2,000,000
FRTD	BBB	Newcastle Permanent	Quarterly	8/06/2017	9/06/2020	1097	3.21	0.95	\$2,000,000
TD	BBB	Auswide Bank	At Maturity	20/06/2018	22/06/2020	733	3.00	1.48	\$1,000,000
TD	AA-	Westpac	Annual	12/07/2017	13/07/2020	1097	3.01	1.48	\$2,000,000
TD	AA-	Westpac	Quarterly	25/09/2017	28/09/2020	1099	3.06	1.48	\$1,000,000
TD	BBB+	BOQ	Annual	7/11/2017	9/11/2020	1098	3.00	1.48	\$3,000,000
TD	BBB+	Rural Bank	Annual	6/12/2017	7/12/2020	1097	2.95	1.48	\$3,000,000
TD	BBB+	Rural Bank	Annual	9/01/2018	11/01/2021	1098	3.10	1.48	\$3,000,000
TD	NR	Police Credit Union SA	Annual	21/03/2018	22/03/2021	1097	3.15	1.48	\$2,000,000
TD	NR	Australian Military Bank	Annual	29/03/2018	29/03/2021	1096	3.20	1.48	\$1,000,000
TD	AA-	Westpac	Quarterly	24/04/2018	27/04/2021	1099	3.13	1.48	\$3,000,000
TD	BBB	P&N Bank	Annual	27/06/2018	28/06/2021	1097	3.15	1.48	\$3,000,000
TD	BBB+	BOQ	Annual	12/07/2017	12/07/2021	1461	3.45	1.48	\$2,000,000
TD	BBB+	BOQ	Annual	29/10/2018	29/10/2021	1096	3.00	1.48	\$3,000,000
TD	BBB+	BOQ	Annual	12/07/2018	12/07/2022	1461	3.50	1.48	\$1,000,000
CASH	BBB	ME	Monthly				1.35	0.75	\$2,000,000
CASH	AA-	CBA	Monthly				0.70	0.75	\$1,250,000

TOTAL: **\$51,250,000**

*Benchmarks

On Call - RBA Cash

Floating Rate Deposit - 3m BBSW

Term Deposit - BBSW

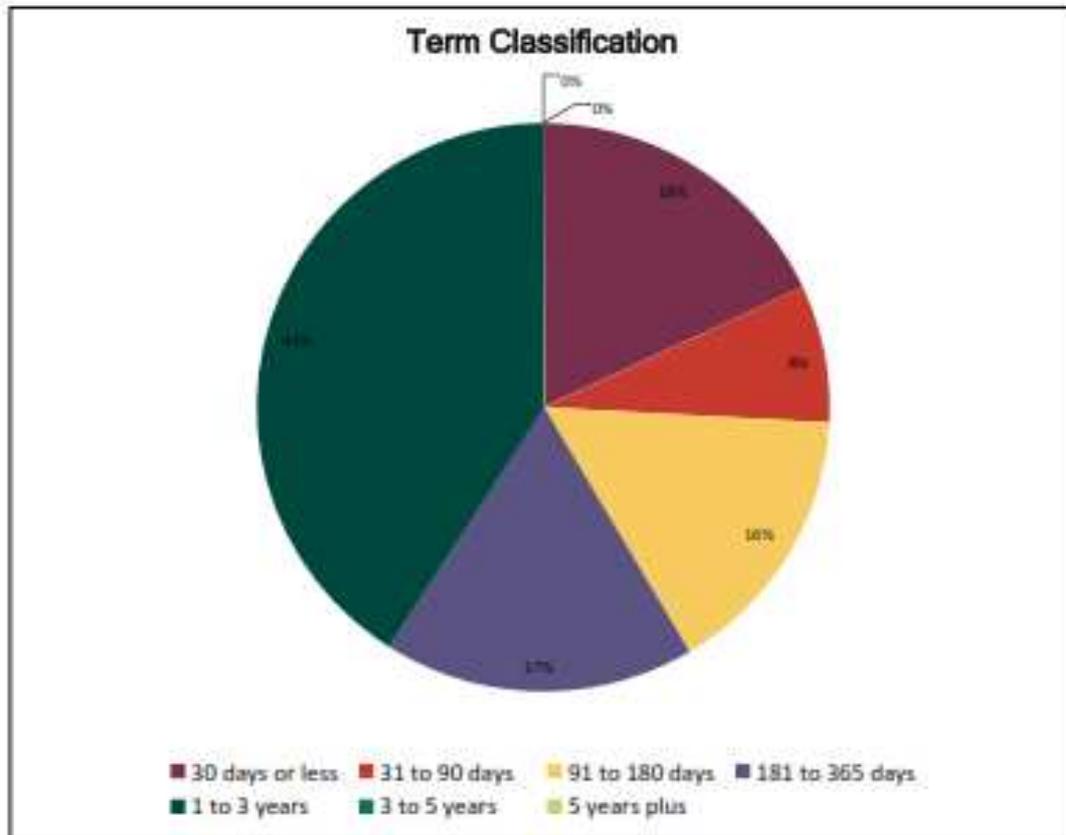
Performance

Goldenfields Water County Council's investment portfolio outperformed the relevant BBSW Index benchmark by 100%. The average weighted yield for November was 2.77%, over an average weighted term of 296 days, with a benchmark of 1.36%. This strong performance continues to be driven by those deposits still yielding above 3% p.a. However, these deposits are fast maturing and will be reinvested at lower rates, due to the drop in cash rates since these deposits were last invested.

Total Cost 51,250,000	Total Accrued Interest 742,953	Average Weighted Yield 2.77%
Total Current Value 51,250,000	Total Monthly Accrued Interest 110,394	Average Weighted Term in Days 296
Unrealised Capital Gain/Loss 0	Total Interest Received for the Month 38,466	Total Interest Received for the Financial Year 118,475

Term to Maturity

Council's investment portfolio maturities shown graphically below:

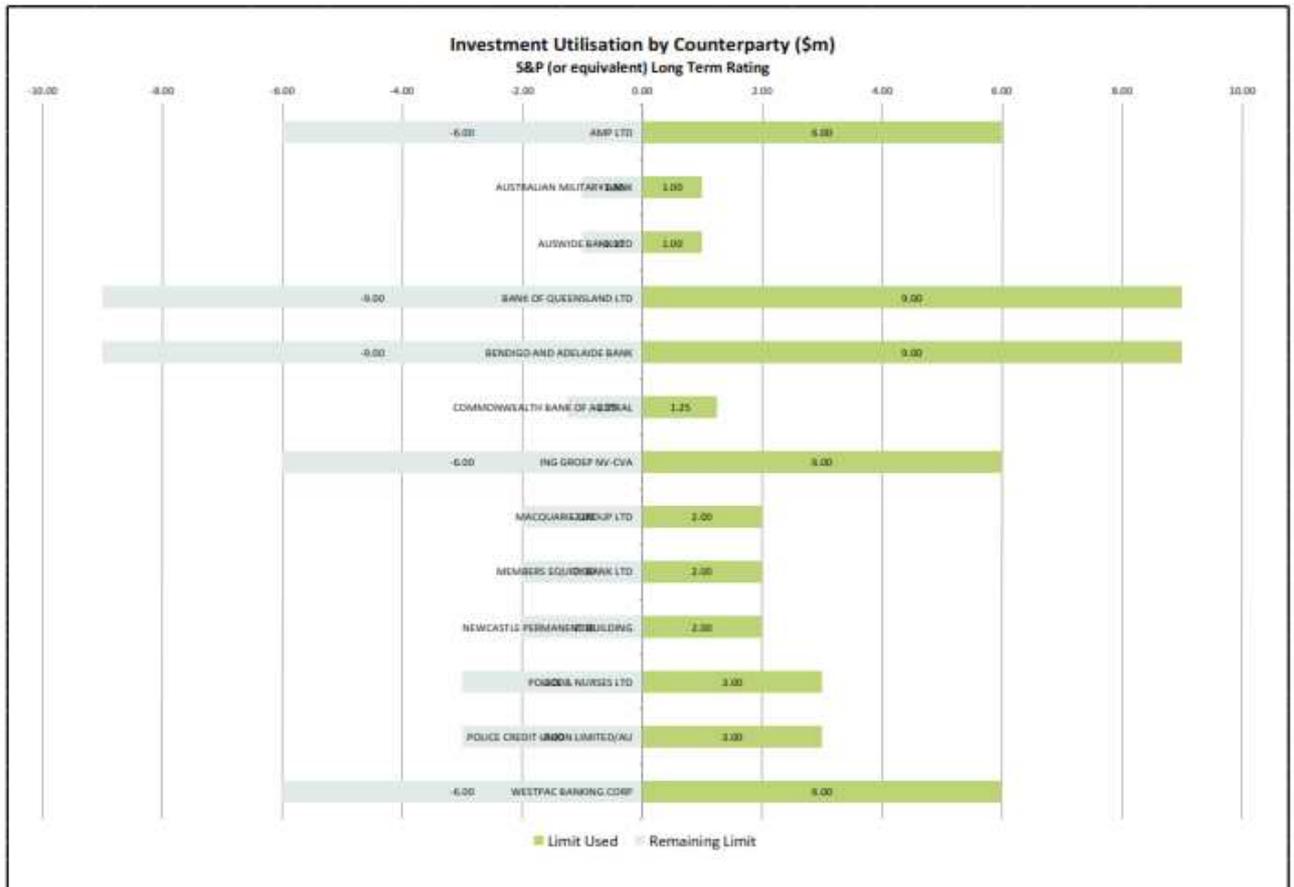


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Counter Party Compliance

As at the end of November, Council was compliant with policy in terms of individual financial institution capacity limits. BoQ (BBB+) and Bendigo (BBB+) remain close to capacity. It is worth noting that capacity limits are affected by changes in the on call account balance compared to the total portfolio balance.

Overall, the portfolio is diversified across a variety of credit ratings, including some exposure to unrated ADIs.



APPLICATION OF INVESTMENT FUNDS

The table below details the allocation of cash balances in terms of restricted funds, noting restrictions are all internal rather than external.

Restricted Funds:	
- Plant & Vehicle Replacement	886,000
- Infrastructure Replacement	36,347,000
- Employee Leave Entitlement	1,575,000
- Deposits, Retentions & Bonds	28,000
- Sales Fluctuation Reserve	2,000,000
- Property Reserve	423,000
Unrestricted Funds:	9,991,000
TOTAL	51,250,000

FINANCIAL IMPACT STATEMENT

Council's investment portfolio increased by \$500,000 from \$50,750,000 as at 30 September 2019 to \$51,250,000 as at 30 November 2019.

DECLARATION

I hereby certify that investments listed in the report have been made in accordance with Section 625 of the Local Government Act 1993, Clause 212 of the Local Government (General) Regulation 2005 and Council's Investment Policy PP004.

Signed 

Michele Curran – Corporate Services Manager

ATTACHMENTS: Nil.

TABLED ITEMS: Nil.

12.1.2. PROGRESS REPORT – CAPITAL WORKS EXPENDITURE

BOARD RESOLUTION

19/107 RESOLVED on the motion of Crs McGlynn and Morris that the report detailing Council's Capital Works Program as at 30 November 2019 be received and noted.

Report prepared by Corporate Services Manager

COUNCIL OFFICER RECOMMENDATION

That the report detailing Council's Capital Works Program as at 30 November 2019 be received and noted.

ALIGNMENT WITH BUSINESS ACTIVITY STRATEGIC PLAN

09 Financially Sustainable

BACKGROUND

Capital Works represents a significant part of Council's activities and expenditure. This report details progress year to date on programmed and emergent capital works.

REPORT

This report is presented for information on the Capital Works Program year to date progress as at 30 November 2019.

FINANCIAL IMPACT STATEMENT

The recommendation does not impact on Council's financial position.

ATTACHMENTS: Capital Works Progress Report as at 30 November 2019.

TABLED ITEMS: Nil.

12.1.3. WATER SERVICE CONNECTION POLICY

Moved on the motion of Crs McCann and Armstrong that the Board adopts the revised PP007 Water Service Connection Policy.

The motion was put to a vote and was lost.

Cr Morris moved that the policy be held over to the next meeting with additional wording to be considered regarding connections exceeding the 2km limit. Cr McCann seconded the motion.

BOARD RESOLUTION

19/108 RESOLVED on the motion of Crs Morris and McCann that the Water Service Connection Policy be held over to the next meeting with additional wording to be considered regarding connections exceeding the 2km limit.

Report prepared by Corporate Services Manager

COUNCIL OFFICER RECOMMENDATION

That the Board adopts the revised PP007 Water Service Connection Policy.

ALIGNMENT WITH BUSINESS ACTIVITY STRATEGIC PLAN

07 Efficient Operations

BACKGROUND

The existing Service Connection Policy includes special condition requirements (6.2.1.4), where the applicant's water infrastructure passes through neighbouring properties, a signed consent from neighbouring property owner(s) must be provided. However the Policy is currently silent in regards to when their water infrastructure passes through Road Reserves and / or Rail Corridors. The present section 6.2.1 is as follows:

6.2.1 Non Residential Rural Connection

- 1. The applicant will be required to store a minimum 3 day average water requirements or 20,000 litres whichever is greater.*
- 2. Backflow prevention containment device must be fitted at the property boundary, in accordance with Council's Backflow Prevention Policy.*
- 3. Connection will only be provided if suitable rural infrastructure is within 2km of the property boundary to be connected. Non-residential rural properties cannot be connected to urban infrastructure.*
- 4. If applicant's water infrastructure is intended to pass through neighbouring properties a signed consent from neighbouring property owner(s) must be provided. GWCC recommends an easement to prevent future issues if neighbouring property sold.*
- 5. The connection will be supplied directly above a suitable GWCC water main. It will remain the applicant's responsibility to augment within their own property.*

REPORT

Proposed changes to 6.2.1 Non Residential Rural Connections include the requirement for applicants to apply for, and then supply to Goldenfields Water, approval(s) for their private infrastructure passing through Road Reserves and or Rail Corridors.

The opportunity was also taken to rearrange and renumber some of the previously included requirements wholly within 6.2.1.

The proposed clause is:

6.2.1 Non Residential Rural Connection

1. The applicant will be required to store a minimum 3 day average water requirements or 20,000 litres whichever is greater.
2. Backflow prevention containment device must be fitted at the property boundary, in accordance with GWCC's Backflow Prevention Policy.
3. Connection will only be provided if suitable rural infrastructure is within 2km of the property boundary to be connected.
4. Non-residential rural properties cannot be connected to urban infrastructure.
5. The connection will be supplied directly above a suitable GWCC water main.
6. It will remain the applicant's responsibility to augment from the connection.
7. If applicant's water infrastructure is intended to pass through any Road Reserve or Rail Corridor, the applicant is required to arrange their own approval(s) which must be provided.
8. If applicant's water infrastructure is intended to pass through neighbouring properties a signed consent from neighbouring property owner(s) must be provided. GWCC recommends an easement to prevent future issues if neighbouring property sold.

FINANCIAL IMPACT STATEMENT

The recommendation does not impact on Council's financial position.

ATTACHMENTS: Draft PP007 Water Service Connection Policy

TABLED ITEMS: Nil.

12.1.4. RELATED PARTY DISCLOSURE POLICY

BOARD RESOLUTION

19/109 RESOLVED on the motion of Crs Armstrong and Sinclair that the Board adopts the revised PP011 Related Party Disclosures Policy.

Report prepared by Corporate Services Manager

COUNCIL OFFICER RECOMMENDATION

That the Board adopts the revised PP011 Related Party Disclosures Policy.

ALIGNMENT WITH BUSINESS ACTIVITY STRATEGIC PLAN

09 Financially Sustainable

BACKGROUND

PP011 Related Party Disclosure Policy was adopted in 2016 to ensure Council's compliance with the reporting requirements under Australian Accounting Standard AASB124 – Related Party Disclosures.

REPORT

Council adopted this policy in 2016, it is now due for review.

Significant changes have been made to the layout and wording of the policy, including:

- Amending the review timeframe to once per Council term (4 yearly)
- Adding "Materiality" to the Definitions section of the Policy
- Clarifying requirements of the Accounting Standard
- Reducing the frequency of disclosures from six monthly to annual
- Simplifying the disclosure form

FINANCIAL IMPACT STATEMENT

The recommendation does not impact on Council's financial position.

ATTACHMENTS:

1. PP011 Related Party Disclosures Policy
2. Related Party Disclosures Form

TABLED ITEMS: Nil.

12.1.5. INVESTMENT POLICY

Cr Armstrong moved that the Investment Policy be returned to the ARIC for review and align with Councils risk appetite. Seconded by Cr McCann.

BOARD RESOLUTION

19/110 RESOLVED on the motion of Crs Armstrong and McCann that the Investment Policy be returned to the ARIC for review, and align with Councils risk appetite.

Report prepared by Corporate Services Manager

COUNCIL OFFICER RECOMMENDATION

That the Board adopts the revised PP004 Investment Policy.

ALIGNMENT WITH BUSINESS ACTIVITY STRATEGIC PLAN

09 Financially Sustainable

BACKGROUND

The Office of Local Government issued Investment Policy Guidelines in May 2010 for NSW Councils, outlining requirements for an investment policy to ensure Council's investments are dealt with in a prudent and appropriate manner.

REPORT

PP004 Investment Policy is due for review. Proposed amendments to the Policy include:

- Revising the review period to once per Council term (4 yearly), from annual

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- Amending policy wording to be in line with the OLG Investment Policy Guideline's sample policy
- Adding portfolio framework limits detailing maximum holding limits for investments within Council's portfolio

FINANCIAL IMPACT STATEMENT

The recommendation does not impact on Council's financial position.

ATTACHMENTS: PP004 Investment Policy.

TABLED ITEMS: Nil.

12.1.6. AUDIT RISK AND IMPROVEMENT COMMITTEE

BOARD RESOLUTION

19/111 RESOLVED on the motion of Crs Sinclair and McCann that the Board receives and notes the minutes of the Audit, Risk & Improvement Committee meeting held on 4 December 2019.

Report prepared by Corporate Services Manager

COUNCIL OFFICER RECOMMENDATION

That the Board receives and notes the minutes of the Audit, Risk & Improvement Committee meeting held on 4 December 2019.

ALIGNMENT WITH BUSINESS ACTIVITY STRATEGIC PLAN

09 Financially Sustainable

BACKGROUND

Goldenfields Water County Council Audit, Risk & Improvement Committee is an advisory committee in accordance with section 355 of the Local Government Act 1993, and the Local Government Regulations 2012.

The Committee was established by Council Resolution 17/008 on 23 February 2017.

In accordance with the Audit, Risk & Improvement Committee Charter, meeting minutes will be reported regularly to Council.

REPORT

The Goldenfields Water County Council Audit, Risk & Improvement Committee met on 4 December 2019. Minutes of the meeting are attached for the information of the Board.

FINANCIAL IMPACT STATEMENT

The recommendation does not impact on Council's financial position.

ATTACHMENTS: Minutes of ARIC Meeting 4 December 2019

TABLED ITEMS: Nil

12.2. MATTERS SUBMITTED BY PRODUCTION AND SERVICES MANAGER

12.2.1. WATER PRODUCTION REPORT

BOARD RESOLUTION

19/112 RESOLVED on the motion of Crs McGlynn and Morris that the Water Production Report be received and noted.

Report prepared by Production and Services Manager

COUNCIL OFFICER RECOMMENDATION

That the Water Production Report be received and noted.

ALIGNMENT WITH BUSINESS ACTIVITY STRATEGIC PLAN

03 Strategic Water Management

BACKGROUND

Goldenfields Water provides the essential water requirements of about 40,000 people spread over an area in excess of 20,000 square kilometres between the Lachlan & Murrumbidgee Rivers in the South West of NSW.

The Goldenfields Water supply system consists of five separate water schemes, Jugiong, Oura, Mt Arthur, Mt Daylight and Hylands Bridge. Goldenfields Water carries out water supply functions within the Local Government areas of Bland, Coolamon, Cootamundra, Hilltops, Junee, Temora, and parts of Narrandera and Wagga Wagga.

Hilltops Shire Council, Cootamundra Gundagai Shire Council and Riverina Water County Council are retailers, who purchase bulk water from Goldenfields and supply the water to retail customers in their respective local government areas.

REPORT

Jugiong drinking Water Scheme

The Jugiong drinking water scheme sources water from the Murrumbidgee River and has an extraction licence entitlement of 5590ML per annum. Water from the Murrumbidgee River is treated through a 40ML/day, conventional Water Treatment Plant that consists of: Coagulation, Flocculation, Clarification, Filtration, Disinfection and Fluoridation.

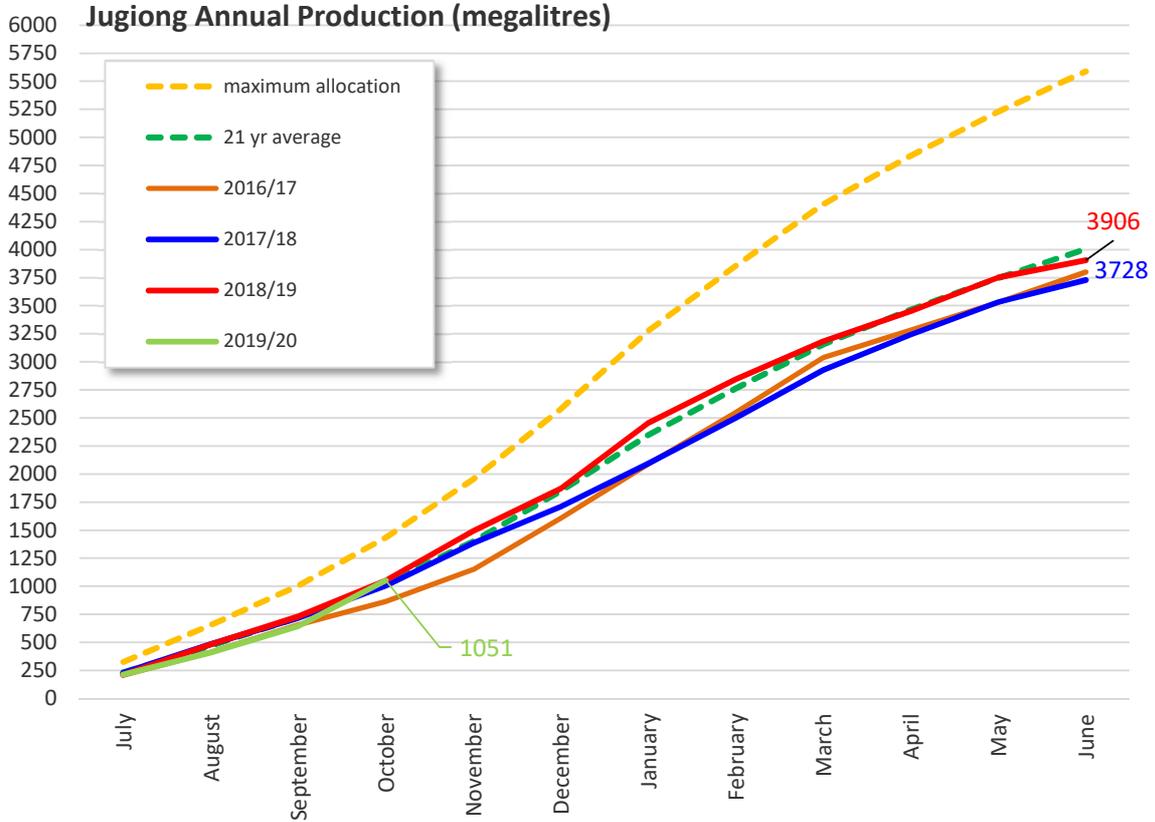
The Jugiong Scheme has 14 sets of reservoirs and 8 pumping stations. The Jugiong Scheme supplies bulk water to the Hilltops and Cootamundra-Gundagai Regional Councils for supply to the townships of Cootamundra, Harden and Young with a population of approximately 6800, 2200 and 8000 respectively.

Goldenfields Water also provides additional retail supply to approximately 600 customers in the villages of Stockinbingal, Wallendbeen and Springdale.

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Jugiong annual water production is trending in a similar fashion to previous years.

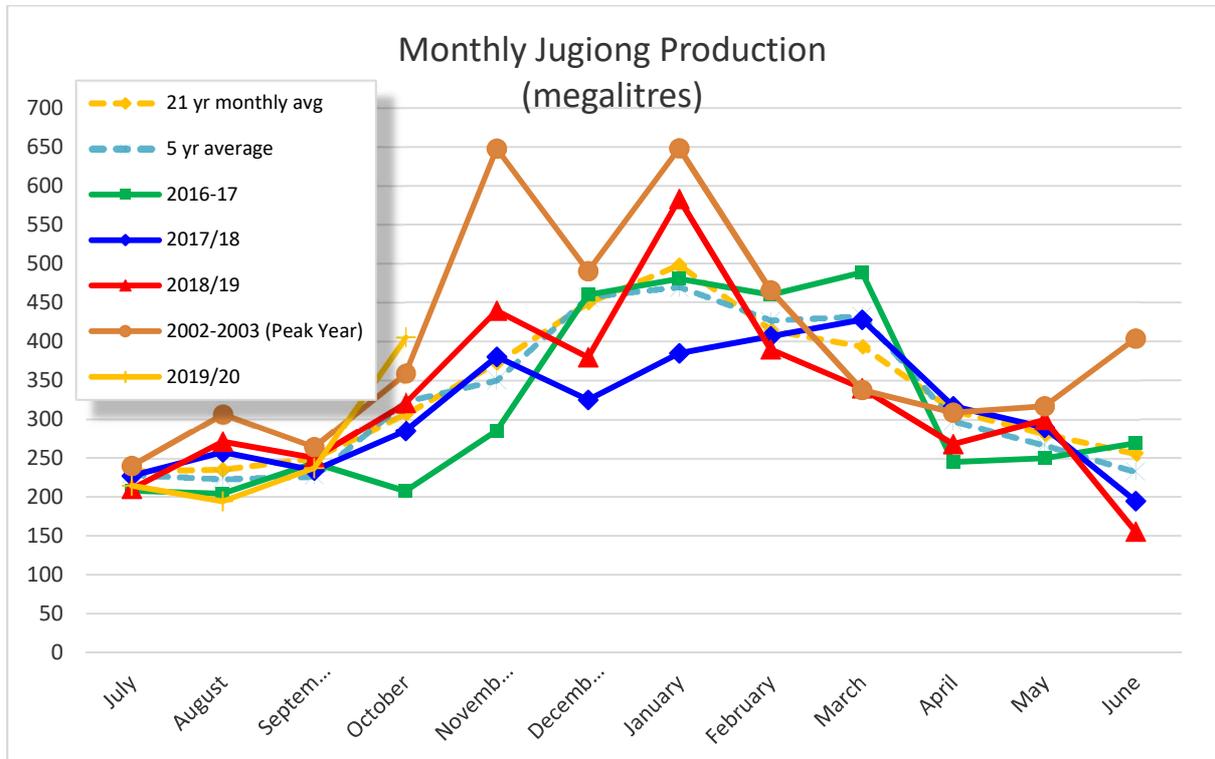
For the period July to October 2019. Water production was 1051 ML, this is trending in a similar fashion to the same period last year. Water production for July to October 2018 was 1052ML a reduction of 1ML for the same period this year.



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Jugiong monthly water production for October was 405.21ML. As can be seen below a significant increase as the weather starts to get warmer. An increase of approximately 85ML than for the month of October in the 2018.



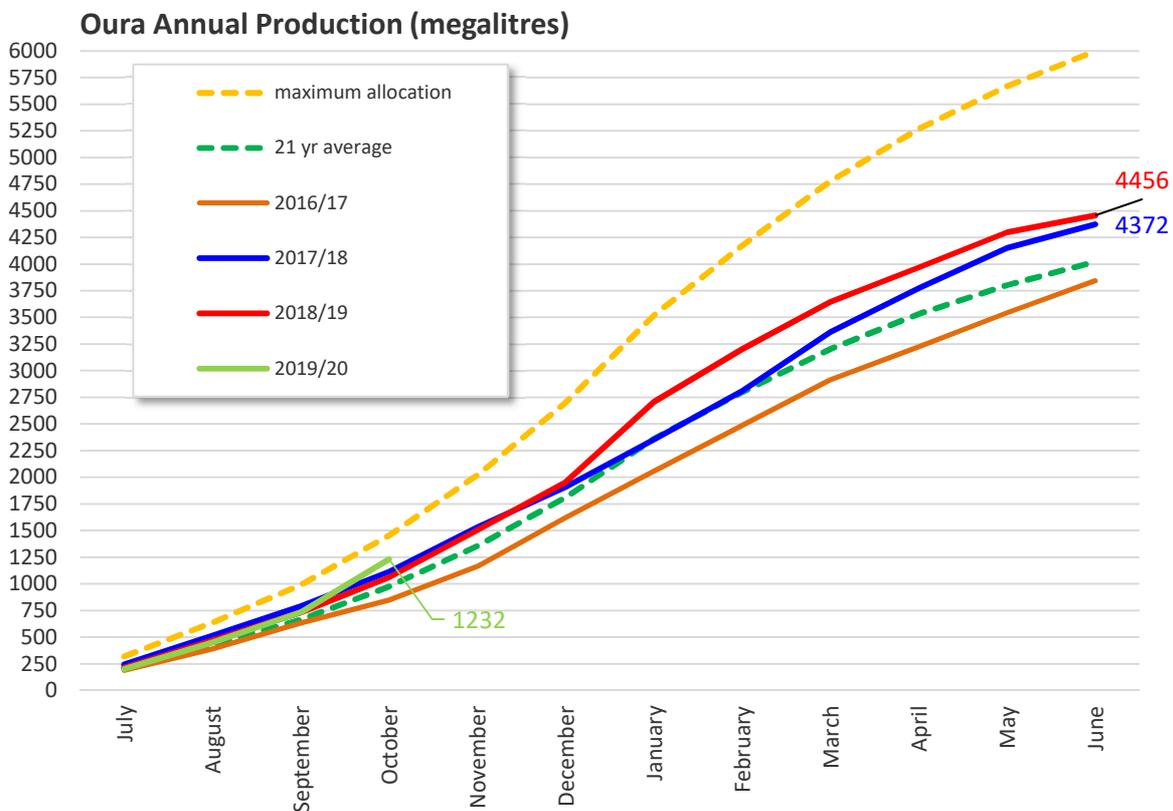
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Oura Drinking Water Scheme

The water source at Oura is the Murrumbidgee inland alluvial aquifer, this water is extracted from 3 bores namely: Bores 3, 4 and 6. The raw water then goes through a treatment process at the Oura Water Treatment Plant that includes Aeration, Disinfection and Fluoridation.

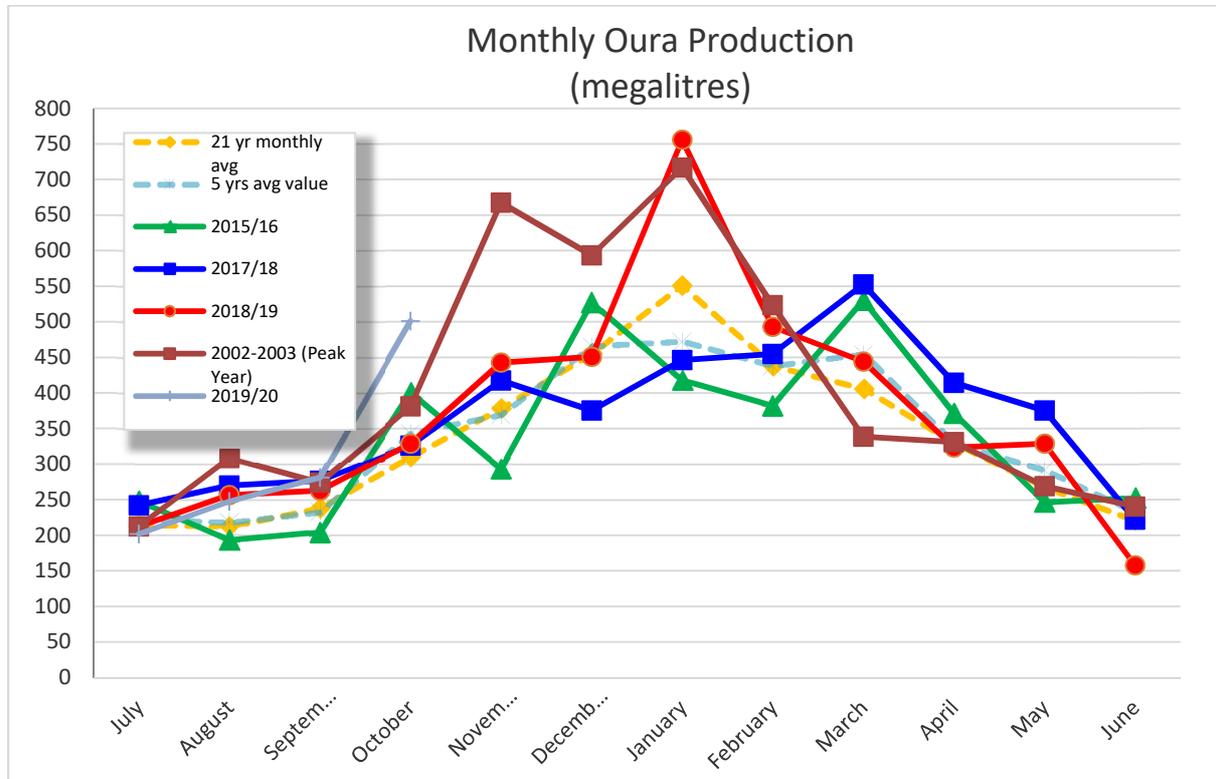
The Oura scheme has 33 sets of reservoirs and 19 pumping stations, produces drinking water for approximately 14,600 people in the Bland, Coolamon, Junee, Narrandera and Temora Shires. The Oura scheme can also supply water to the Northern side of the rural area of Wagga Wagga City when required.

For the period July through to October 2019. Water production from the Oura bores is 1232 ML, this is trending in a very similar fashion as the same period last year (2018/19) which was 1060ML. This is an increase of approximately 172ML if compared to the same in the 2018.



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Oura production for October 2019 was 501.21ML. As can be seen there has been a significant increase as the weather becomes warmer. This is an increase of approximately 172ML compared to October 2018.

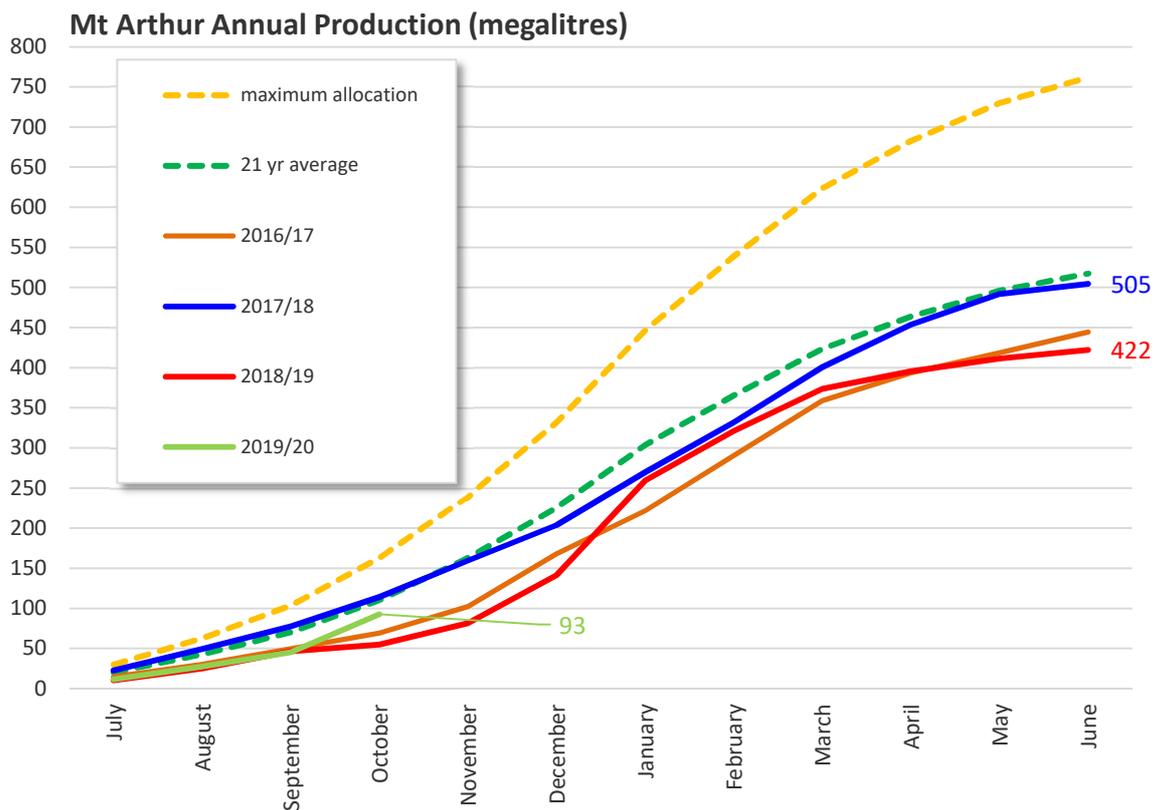


Mount Arthur Drinking Water Scheme

The Mount Arthur Water Source is from the Lachlan Fold belt Aquifer System. The water is extracted via two bores, bores 1 and 2 located in the Wagga Wagga City Council area South of Matong. The water is disinfected before distribution through 9 sets of reservoirs supplying approximately 2400 people with water in the Coolamon shire.

It should be noted that Staff have recognised that Bore 2 flow meter appears to be reading lower than expected. Initial investigations have identified that there is a potential decrease of 9l/s when compared to a portable ultrasonic meter that was utilised to validate flows. This means that there is an estimated 15% potential variation of production in Bore 2. The below graphs have included the differences in production for the same year as a comparison to previous year's production. The replacement of a new production meter and new pipeline arrangement will commence in the 2019/20 financial year.

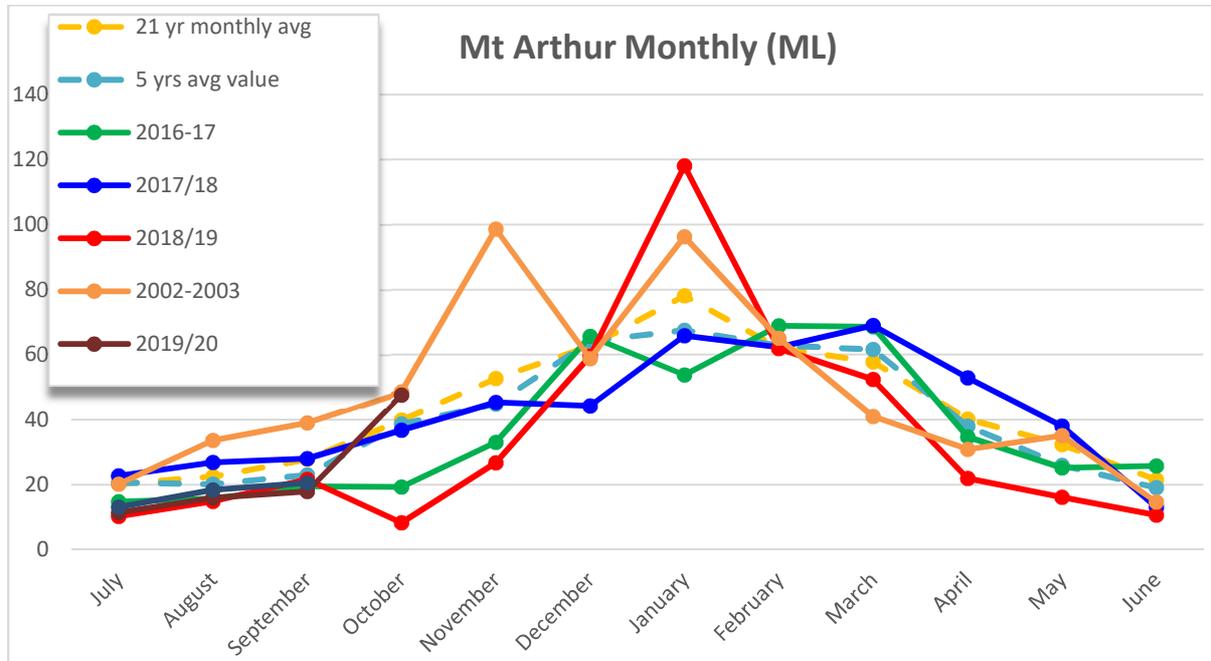
For the period July to October 2019, 93ML of water has been extracted from the Mt Arthur Bores this is considerably higher than for the same period in 2018/19 (55ML). An increase of 38ML. As can be seen trending in a similar fashion to previous years. Production increases as the weather gets warmer.



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Mount Arthur monthly water production for October 2019 was 47.58ML. This is significantly higher than for October 2018 where production was only 8ML.

Bore 2 at Mt Arthur has been taken off line due to the 15% variation that exists within the flow meter. A new Mag Flow has been purchased and installed this has replaced the faulty flow meter. As of October 2019 the new mag flow, water main and pigging point was not in service as the line still needs to be disinfected, this is anticipated to be completed by December 2019.

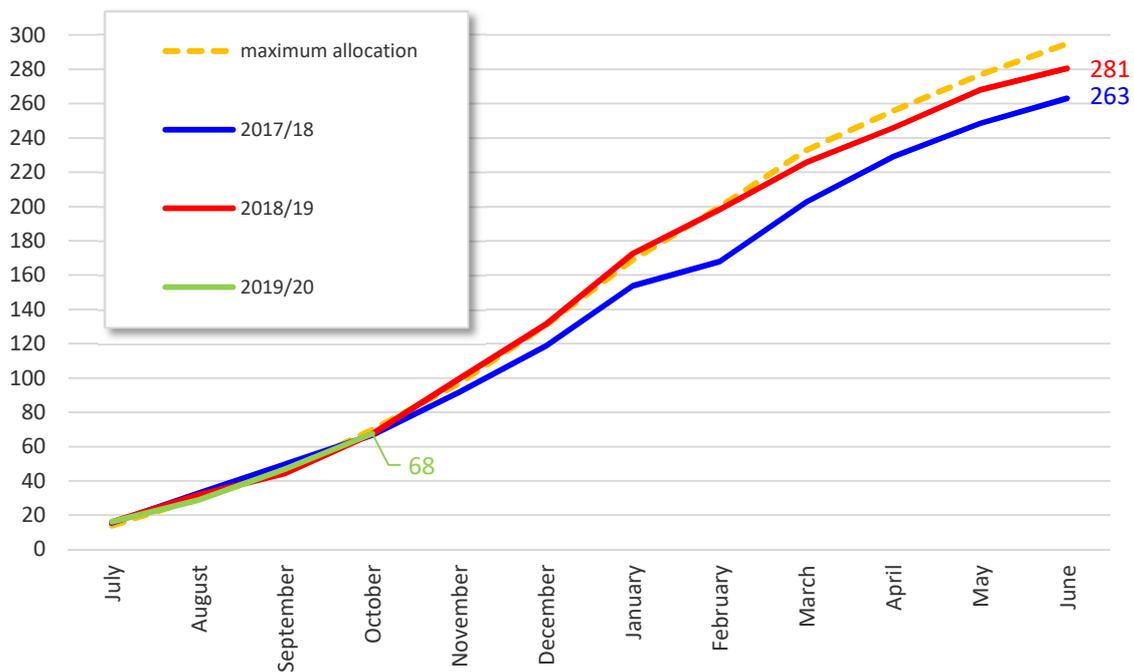


Mount Daylight Drinking Water Scheme

The Mount Daylight water source is from the Lower Lachlan alluvium aquifer. The Mount Daylight bores are jointly operated with Carathool Shire Council. Carathool Shire Council is responsible for bore management. There are 7 sets of reservoirs in the Mt Daylight scheme. Mt Daylight supplies water to approximately 125 people in the villages of Naradhan Weethalle and Tallimba in the Bland Shire Council

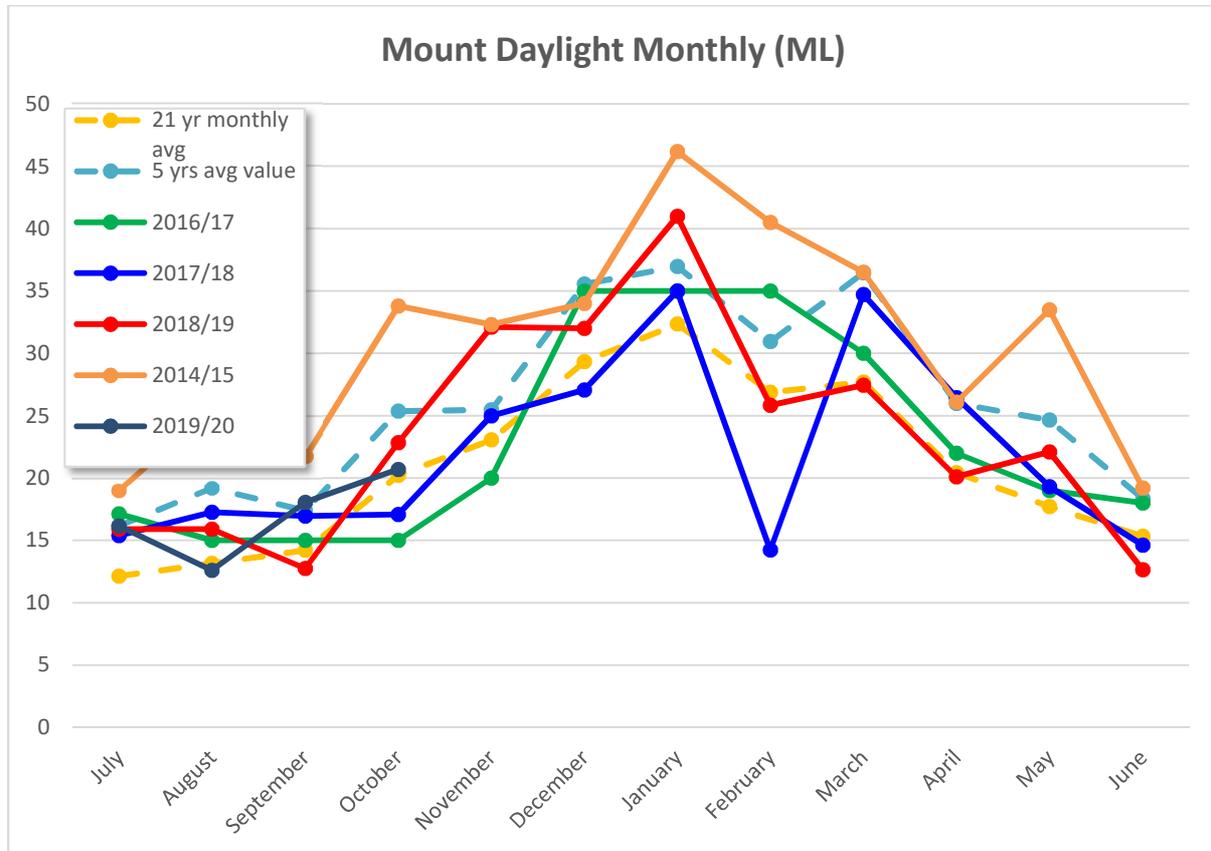
For the period July 2019 to October 2019, 68ML of water has been extracted from the Mt Daylight Bores. This is equal to the same period in 2017/18 (68ML).

Daylight Annual Volume (megalitres)



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Mount Daylight monthly water production for October 2019 was 20.69ML. This is slightly lower than for October 2018 where 22.83ML of water was extracted from the Mt Daylight bores.



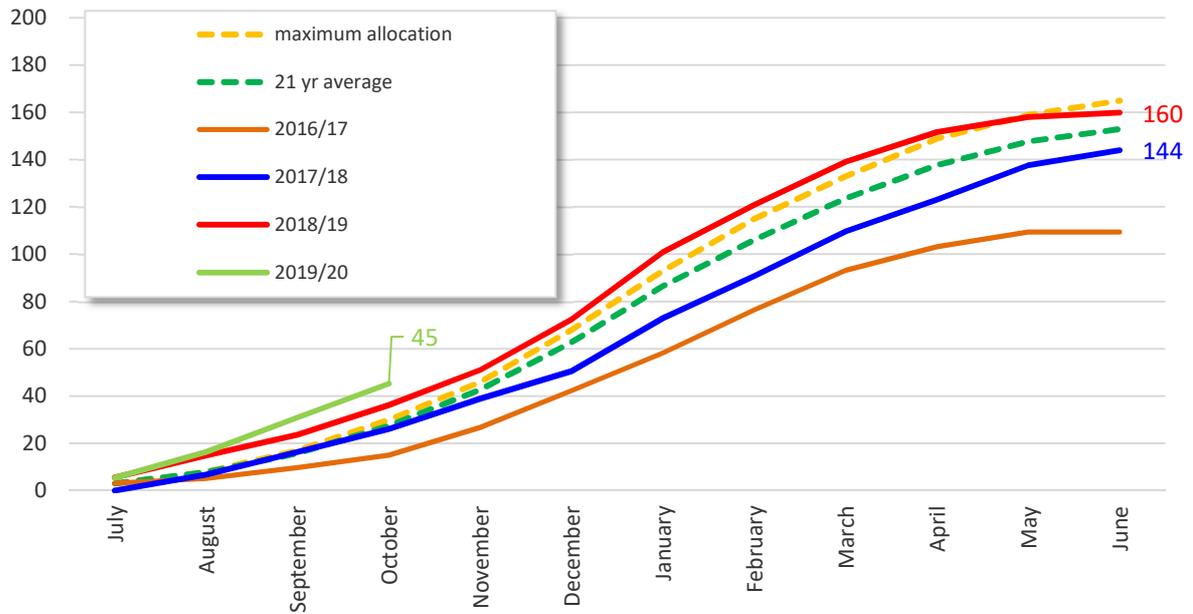
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Hylands Bridge - Non Potable

Hylands Bridge supplies Non Potable water to Barellan and Binya.

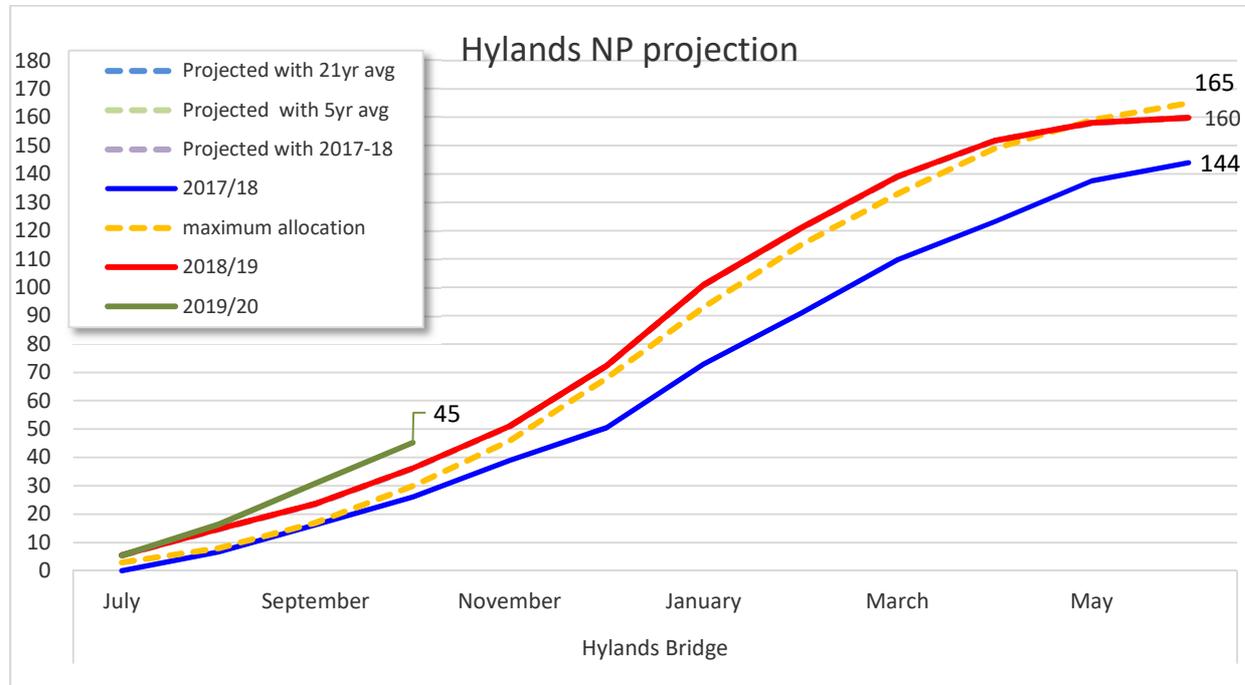
For the period June through October 2019, 45ML of water has been extracted from Hylands Bridge scheme, this is higher than for the same period in 2017/18 (36ML). An increase in production of 9ML compared to the same period last year.

Hylands Bridge Annual Volume (megalitres)



Hylands Bridge Projections are as per the graph below.

For the period of July to October 2019, water production from the Hylands Bridge scheme is 9ML more than for the same period last year.



ATTACHMENTS: Nil

TABLED ITEMS: Nil

12.2.2. DRINKING WATER MANAGEMENT SYSTEM – ANNUAL REPORT FOR 2018/19

BOARD RESOLUTION

19/113 RESOLVED on the motion of Crs McCann and McGlynn that the Board note the information provided for the annual review of the Drinking Water Management System.

Report prepared by Production & Services Manager

COUNCIL OFFICER RECOMMENDATION

That the Board note the information provided for the annual review of the Drinking Water Management System.

ALIGNMENT WITH BUSINESS ACTIVITY STRATEGIC PLAN

- 01 Excellence in Service Provision
- 03 Strategic Water Management
- 05 Proactive Customer Relations

REPORT

The purpose of the DWMS Annual Report is to inform and update New South Wales Department of Health (NSW Health) of Goldenfields Water County Councils (GWCC) implementation and ongoing assessment of its Drinking Water Management System. It also demonstrates that GWCC is compliant with requirements of the Public Health Act 2010 to develop a Quality Assurance Program (QAP) in line with the framework for Drinking Water Quality Management in the Australian Drinking Water Guidelines.

Throughout the reporting period GWCC have conducted a total of 1296 microbial water samples to be either tested by NSW Health or tested 'in-house' by GWCC Water Quality staff. The below table represents the microbial results for each of the potable water schemes.

Microorganisms Summary					
Tests conducted	Tested by Pathology	Non-compliant samples	Tested In House	Non-compliant samples	(Total)
Jugiong	78	0	208	0	286
Oura	270	0	481	0	751
Mt Arthur	64	0	91	0	155
Mt Daylight	26	0	78	1	104
	438	0	858	0	1296

The drinking water is also tested throughout the period for chemicals which may be present in the water, a total of 114 water samples were carried out during the reporting period and all were tested by NSW Health's FASS laboratory. From the 114 total samples collected and tested, 35 Samples indicated that at least 1 parameter was Non-Compliant with the ADWG limits; however the majority of these results were related to the Raw Water samples collected and are therefore not an exceedance. A breakdown of the resulted exceedances are listed below.

A summary of exceedances is below:

- Oura Bore 4 – Ammonia X 1, Colour X 1, Manganese x 2
- Mt Arthur Bore 1 – Iron X 2
- Mt Arthur Bore 2 – Iron X 7
- Mt Daylight Raw Water – Iron X 1, Manganese X 1
- Mt Daylight Bore 1 – Iron X 1, Manganese X 2
- Mt Daylight Bore 2 – Iron X 2, Manganese X 4
- Distribution – Colour X 1, Iron X 10, Lead X 2, pH X 5

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As provided above, Iron within the Mt Arthur and Oura distribution systems are the majority of exceedances. GWCC also had two results indicating high Lead within the township of Coolamon.

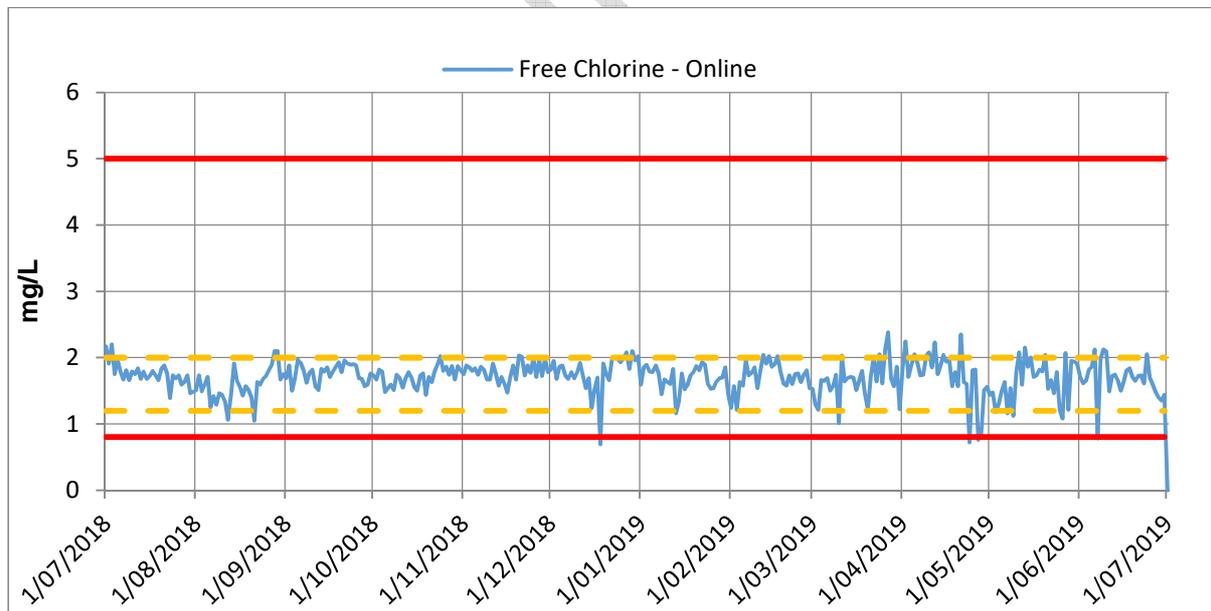
Every week GWCC distribution staff conduct Chlorine Analysis of the water distribution system across all potable supply schemes. Below is a summary of how many samples are tested for Free Chlorine, Total Chlorine, Temperature, Turbidity and pH throughout the entire distribution system.

GWCC entire Distribution System Chlorine Monitoring

Chlorine Distribution System Monitoring	in Situ tests undertaken by Distribution Staff
Temora - Wyalong	2163
Junee - Coolamon	1144
Cootamundra	793
Total	4100

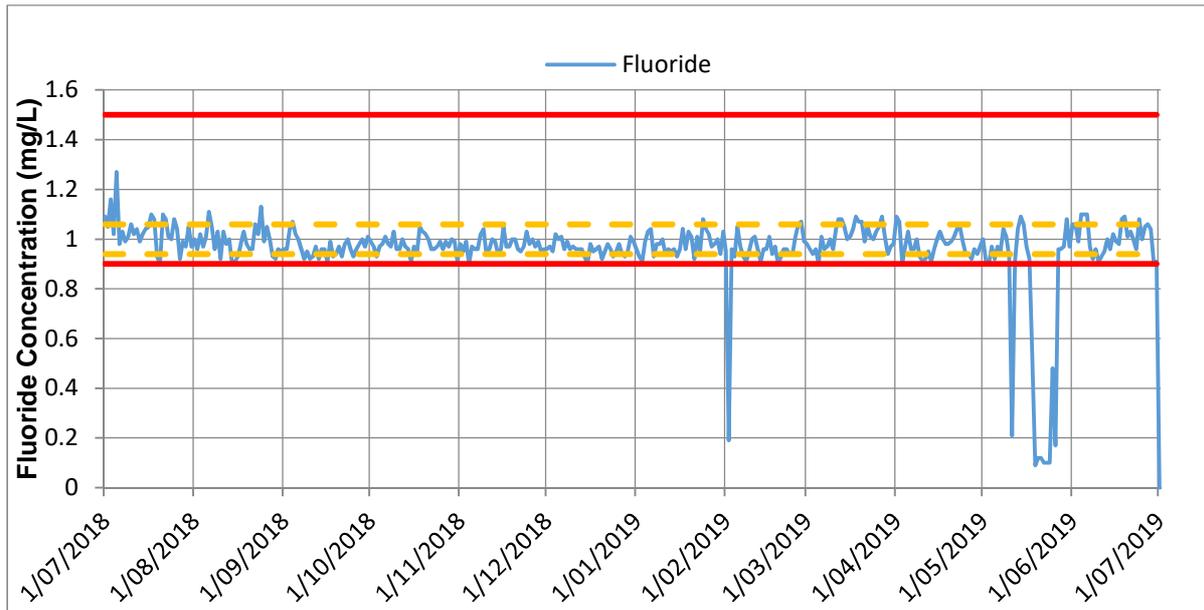
These grab samples are monitored to provide staff with an indicator for undertaking flushing and manual chlorine dosing where discoloured water and low residuals may be identified.

Jugiong Water Treatment Plant – Free Chlorine

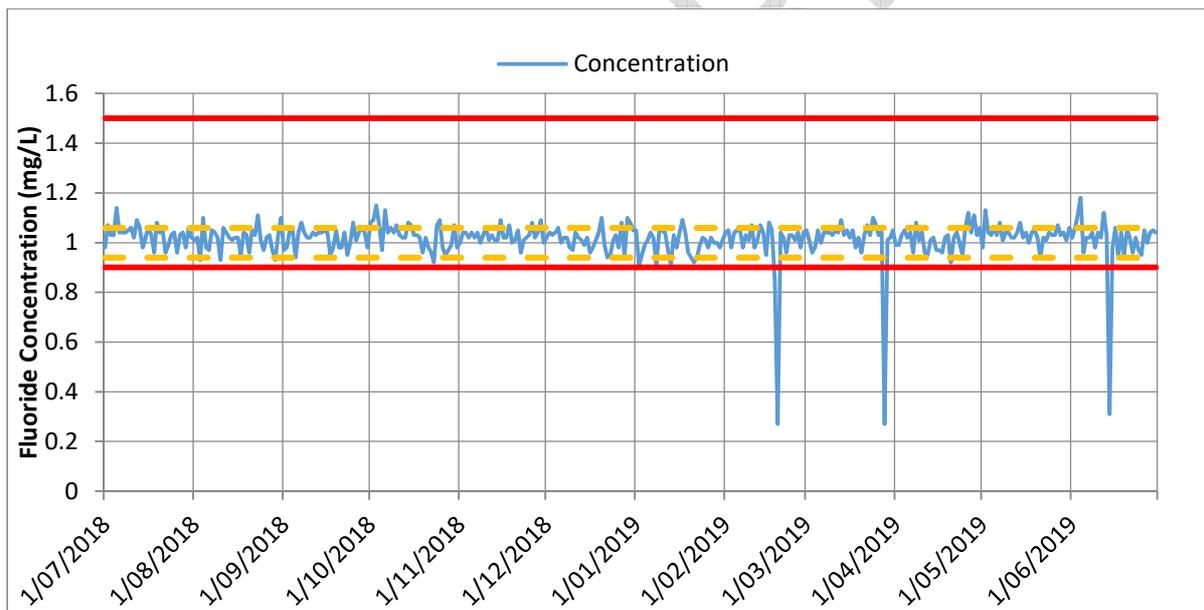


The above graph is a representation of Free Chlorine in the water leaving the Jugiong Water treatment plant. The red lines are our Critical Control Points (CCP) for the concentration of chlorine in the water and the orange lines are our Operational control points. As is indicated above GWCC is consistently within the CCP throughout the year with the exception of 3 exceedances. These exceedances are due to a non-reliable analyser at the plant that has now been replaced. Whilst we have indicated that they are an exceedance, operators undertake a grab sample to validate disinfection was being achieved.

Jugiong Water Treatment Plant – Finished Fluoride



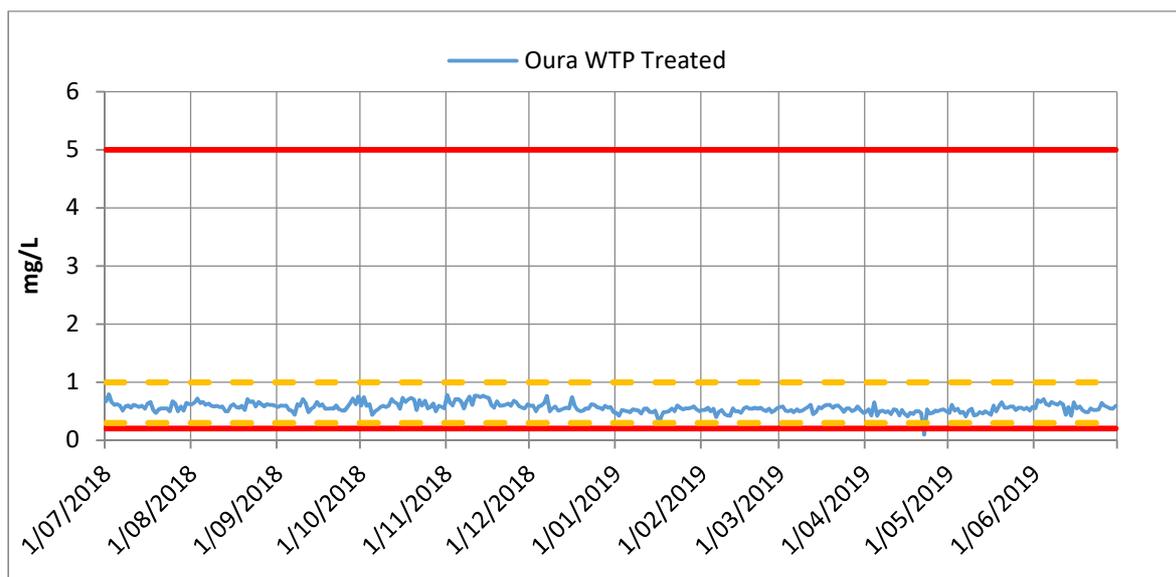
Oura Water Treatment Plant – Treated Water Fluoride



The above graphs are a representation of the Finished Water Fluoride in the water leaving the Jugiong and Oura Water treatment plants. The red lines are our Critical Control Points (CCP) limits for the concentration of Fluoride in the water and the orange lines are our Operational control points. As is indicated above GWCC is consistently within the CCP throughout the year with the exception of the exceedances as indicated above.

These exceedances are due to blockages of the powder or mechanical faults. These issues are generally caused by temperature variations within the environment that the dosing assets struggle to operate under. GWCC staff have also undertaken a risk assessment of the fluoride operations at both Oura and Jugiong and have raised concerns around the safety of the current fluoride rooms and associated assets for both operators and staff. Concerns will be raised to Local Health Officers in the new financial year.

Oura Water Treatment Plant – Finished Water Free Chlorine



The above graph is a representation of Free Chlorine in the water leaving the Oura Water Treatment Plant. The red lines are our Critical Control Points (CCP) for the concentration of chlorine in the water and the orange lines are our Operational control points. As is indicated above GWCC is consistently within the CCP throughout the year with the exception of 1 exceedance. This exceedance was caused by a failure of the Chlorine dosing system.

All relevant exceedances were reported to the Local Health Unit throughout the year with operational contingencies activated, such as increased manual chlorine dosing of reservoirs to increase residual levels minimising any risk of appropriate log reduction during disinfection process.

Critical Control Points

The following tables provide the total number of CCP exceedances registered throughout the 2018/19 year with the corresponding CCP number.

Jugiong	CCP1	CCP2	CCP3	CCP4	CCP5	CCP6
Number of CCP exceedances	0	0	3	3	0	0

Oura	CCP1	CCP2	CCP3	CCP4	CCP5	CCP6
Number of CCP exceedances	1	3	0	0	0	0

Water Quality

Verification monitoring has been undertaken over the entire GWCC scheme during the reporting period. All data is compliant with the Australian drinking Water Guidelines and limits set by public Health (NSW Health).

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Operational monitoring has also been conducted over the entire scheme with some non-compliances reported. These non-compliances have been summarised in Table 9 under Critical Limit Exceedances. The non-compliances have been mainly for low residual chlorines in the furthest extremities in each of the water source systems.

Continuous Improvement Plan

GWCC review and update their Action and Implementation Plan as per Appendix B of the tabled report. A summary of items that have been addressed or ongoing are detailed in the below table.

	Completed	In progress	Not Started	Implemented/Ongoing	Items added	Total
Number of actions	42	16	5	7	3	78

*Note that the remaining 5 items that haven't been counted above have been rolled in to other action item.

DWMS Reviews

The 2017/18 DWMS was the first to be undertaken by GWCC. The 2017/18 report was conducted using only the data available at the time. The dataset used was limited to only a few months' worth of information.

This DWMS report, has utilised the entire 2018/19 data for both the Jugiong and Oura water supply systems. This data was made available from the implementation of WaterOutlook and ClearSCADA. Data is also available from NSW Health's Drinking Water Database.

In addition to the general progression of the DWMS, GWCC engaged its internal Auditor (National Audits Group) to review the DWMS and provide recommendations for improvement.

A key finding was that more transparency of data reported and adopted by the Board should occur.

Reservoir Inspections

A total of 114 reservoirs, 8 surge tanks and 2 Break Pressure tanks are visually inspected weekly. A more comprehensive inspection conducted on the above is conducted on a quarterly basis the findings of the inspections are summarised in the section headed Reservoir Inspections. A more comprehensive list is available in Appendix C of this report.

FINANCIAL IMPACT STATEMENT

The recommendation does not impact on Council's financial position.

ATTACHMENTS: Nil

TABLED ITEMS: DWMS Annual Report 2018/19.

12.3. MATTERS SUBMITTED BY ENGINEERING MANAGER

12.3.1. ROSEHILL TO HARDEN PIPELINE REPLACEMENT UPDATE

BOARD RESOLUTION

19/114 RESOLVED on the motion of Crs McCann and Armstrong that the Rosehill to Harden Pipeline Replacement Update Report be received and noted.

Report prepared by Acting Engineering Manager

COUNCIL OFFICER RECOMMENDATION

That the Rosehill to Harden Pipeline Replacement Update Report be received and noted

ALIGNMENT WITH BUSINESS ACTIVITY STRATEGIC PLAN

02 Maximising Regional Water Supply
03 Strategic Water Management
07 Efficient Operations

BACKGROUND

Sections of the Rosehill to Young trunk main have been identified for replacement due to criticality, age, and to cater for the future growth of Harden, Young and other villages supplied. Two sections totaling 11kms of 375mm mild steel main has been identified for replacement. These sections will be upgraded to 7.3kms of 500mm and 3.7kms of 450mm ductile iron cement lined pipe, and are located south of Harden along the Jugiong Road and south west of Harden from the Burley Griffin Way to Harden Balance Tank.

REPORT

The current progress of the project was delayed while coordinating affected landowner construction and easement consents. However Goldenfields Water have now received 95% of these consents and are in a position to move forward.

GHD Engineering Consultants are currently finalising construction tender documentation and are on track to release the tender for construction early January 2020.

The predicted awarding of the tender is mid to late March 2020.

The start of construction is anticipated to occur around May-June 2020, with an estimated construction time between 6 and 9 months.

FINANCIAL IMPACT STATEMENT

The recommendation does not impact on Council's financial position.

ATTACHMENTS: Nil

TABLED ITEMS: Nil

12.3.2. MANDAMAH STAGE 2 CONSTRUCTION

BOARD RESOLUTION

19/115 RESOLVED on the motion of Crs McGlynn and Sinclair that the Mandamah Stage 2 Construction Report be received and noted.

Report prepared by Acting Engineering Manager

COUNCIL OFFICER RECOMMENDATION

That the Mandamah Stage 2 Construction Report be received and noted

ALIGNMENT WITH BUSINESS ACTIVITY STRATEGIC PLAN

02 Maximising Regional Water Supply

BACKGROUND

The Mandamah Rural Water Supply Scheme will expand Goldenfields Water County Council supply network by 200 kilometres and provide essential water services to farmers and residents across more than 90,000 hectares in the Mandamah region west of Barmedman.

Stage 1 was officially opened on the 4th of July 2019, consisting of 66kms of mains, 2 reservoirs and a pump station, supplying 23 connections with the remaining 3 stages and 50 connections to be completed by June 2022.

REPORT

KBR Engineering Consultants were engaged in June 2019 for the design of stages 2-4 which are now 90% complete.

The design project consists of Review of Environmental Factors (REF) including heritage and due diligence, hydraulic design for pipe sizing, followed by survey and drafting of construction plans, as well as relevant approvals required by third party consent authorities.

The design program has been planned for a staged delivery allowing for continued construction whilst other stages are under design. The completed designs are expected mid-January 2020.

Goldenfields Water recommenced construction of stage 2A in mid-September 2019.

Currently, construction crews have installed approximately 6km of the 66kms of mains required for stage 2. Construction started adjacent to O'Brians Lane heading south towards Mandamah Forest Road.

Service connections will be connected as the mains are constructed and commissioned for all remaining stages.

Stage 2 construction is expected to be completed by June 2021.

FINANCIAL IMPACT STATEMENT

The recommendation does not impact on Council's financial position.

ATTACHMENTS: Nil

TABLED ITEMS: Nil

12.4. MATTERS SUBMITTED BY THE GENERAL MANAGER

12.4.1. WYALONG WATER TOWER PUBLIC ART PROJECT

Cr McCann moved that the General Manager be tasked to develop a policy in relation to Goldenfields Water infrastructure as it relates to projects looking at issues such as security, access to the site, public art projects and commercial advertising. Seconded by Cr McGlynn.

BOARD RESOLUTION

19/116 RESOLVED on the motion of Crs McCann and McGlynn that the General Manager be tasked to develop a policy in relation to Goldenfields Water infrastructure as it relates to projects looking at issues such as security, access to the site, public art projects and commercial advertising.

Report prepared by Community Education and Engagement Officer

COUNCIL OFFICER RECOMMENDATION

That Goldenfields Water proceed in partnering with Bland Shire for the Wyalong Water Tower Public Art Project.

ALIGNMENT WITH BUSINESS ACTIVITY STRATEGIC PLAN

05 Proactive Customer Relations

BACKGROUND

Goldenfields Water have been approached by Bland Shire to obtain permission to paint a mural on the Wyalong Water Tower (located on the corner of Goldenfields Way and the Newell Hwy). They have been successful in obtaining a grant, and have partnered with the Local Aboriginal Lands Council to develop a concept/design, with Goldenfields Water having the final approval.

REPORT

Below is a rough timeline of the project, provided by Bland Shire Council:

13 December 2019 – Project to be tabled and approval gained at the Goldenfields Water December Board Meeting. Development of concept in consultation with key stakeholders

5 January 2020 – Bland Shire to open expressions of interest (documentation to be developed prior)

February 2020 – Close EOI and shortlisting and selection/engagement of artist in consultation with the Aboriginal Land Council

March 2020 – Bland Shire to supply Goldenfields Water with relevant artist insurances/documentation and seek approval for design.

April-May 2020 – Completion of mural

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Funding obtained by Bland Shire dictates that the project needs to be completed by 30 June 2020. Bland Shire and the Aboriginal Lands Council have put together a rough concept of what the mural image will include - an Aboriginal man/elder reaching out a helping hand to a young Caucasian child dressed as a farmer. This concept aims to bring hope and to promote unity and reconciliation, drawing worldwide attention. Goldenfields Water will have final approval of the concept and design.

Bland Shire Council have confirmed that they will take responsibility for any undercoating or preparation of the surface (in consultation with Goldenfields Water) and work within any conditions set by Goldenfields Water – including requirements surrounding insurance, licenses etc.

Bland Shire Council understands that if any maintenance work needs to take place on the Wyalong tower by Goldenfields Water (although this is unlikely as the tower has recently been re-coated), parts of the painting may be removed for any maintenance works to take place. Goldenfields Water's Engineering Manager has communicated with Joe Kowal from *J.K. Quality Control Pty Ltd* to seek his advice, in which he sees "no issues with over coating the tank with the aerosol packs the artist will use. The only requirement will be that the surface is cleaned with a low pressure water washing (1000 – 2000psi) if the surface is dirty."

The longevity of the mural will depend on a number of factors including the type of paint used. However, at a minimum it can be expected to last 10 years before showing any signs of fading.

If necessary, an agreement between Goldenfields Water and Bland Shire Council can be drawn up to include conditions that Council will remove the image on request/after a certain period of time should any concerns arise.

FINANCIAL IMPACT STATEMENT

The recommendation does not impact on Council's financial position, all costs will be covered by Bland Shire Council.

ATTACHMENTS: Nil

TABLED ITEMS: Nil

12.4.2. 2019 STAFF SURVEY RESULTS

BOARD RESOLUTION

19/117 RESOLVED on the motion of Crs Stadtmiller and McGlynn that the report detailing 2019 Staff Survey Results be received and noted.

Report prepared by Human Resources Coordinator

COUNCIL OFFICER RECOMMENDATION

That the report detailing 2019 Staff Survey Results be received and noted.

ALIGNMENT WITH BUSINESS ACTIVITY STRATEGIC PLAN

08 Highly Skilled and Energetic Workforce

BACKGROUND

The Staff Survey is an anonymous questionnaire that captures staff feedback on issues critical to the organisations success.

The survey provides staff with an opportunity to have their say independently and anonymously on key employee concerns that exist within the organisation.

REPORT

The 2019 Staff Survey commenced on 9 September and concluded on 20 September 2019 with 88% of staff completing the survey.

The 2019 results show a significant improvement in perception across the outcomes and drivers of organisational performance.

In addition to the 2018 survey high performance area of teamwork, 2019 saw the following additional outcomes and drivers move into the “High Performance” category:

- Motivation & initiative
- Talent
- Job satisfaction

The following outcomes and drivers moved from “Low Performance” to the Medium Performance” category:

- Facilities
- Learning and development
- Progress
- Organisation objectives

The results in comparison to previous years have been summarised in the table below:

Outcome / Driver	2016 Survey	2017 Survey	2018 Survey	2019 Survey
High Performance	5	12	2	4
Medium Performance	24	21	20	22
Low Performance	5	1	12	8

Whilst the outcomes have resulted in an overall improvement since the previous year, the Leadership Team will move forward focusing on three (3) key areas with the intention of further improving the results in 2020. The three key areas are; cross-unit cooperation, communication and direction & strategy.

FINANCIAL IMPACT STATEMENT

The recommendation does not impact on Council’s financial position.

ATTACHMENTS: Nil.

TABLED ITEMS: Nil.

13. NEXT MEETING

BOARD RESOLUTION

19/118 RESOLVED on the motion of Crs McCann and McGlynn that the next meeting of Council be held on Friday 21 February 2020, at the Temora Office, commencing at 10.00am.

14. CLOSE OF BUSINESS

There being no further business requiring the attention of Council the meeting was declared closed at 10.36am.

UNCONFIRMED