



22nd February 2019

## **NOTICE OF MEETING OF THE COUNCIL**

The meeting of the Council will be held at

**RIVERINA WATER COUNTY COUNCIL CHAMBERS,**

91 HAMMOND AVENUE, WAGGA WAGGA

**WEDNESDAY, 27th FEBRUARY 2019 at 9.30 am**

and your attendance is requested.

**9.30 am - Council Meeting, followed by:**

- **Budget Workshop**
- **Light lunch**
- **Briefing on Logo refresh project**
- **Meeting of General Manager Performance Review Panel  
(Clrs Verdon, Funnell, Koschel & Meyer only)**

Yours sincerely

A handwritten signature in black ink, appearing to read "A Crakanthorp".

Andrew Crakanthorp  
GENERAL MANAGER

# **\* AGENDA \***

**APOLOGIES**

**DECLARATION OF PECUNIARY AND NON-PECUNIARY INTEREST**

**CONFIRMATION OF MINUTES HELD ON 12<sup>TH</sup> DECEMBER 2018**

**CORRESPONDENCE**

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# **GENERAL MANAGER'S REPORT TO THE COUNCIL**

## **BUSINESS WITH NOTICE**

22nd February 2019

The Chairperson and Councillors:

### **1. FINANCIAL STATEMENTS - LIST OF INVESTMENTS**

**RECOMMENDATION** That the report detailing Council's external investments for the months of December 2018 and January 2019 be received.

- 
- *Investments December 2018*
  - *Investments January 2019*

## Monthly Investment Report as at 31/12/2018

### a) Council's Investments as at 31/12/2018

Investment	Inception Date	Term (Days)	Maturity Date	S&P Rating	Interest Rate (%)	Performance Benchmark	Benchmark Rate (%)	Percentage of Portfolio	Principal Value	Market Value
<b>Term Deposits</b>										
AMP	21/06/2018	210	17/01/19	A-1	2.85	BBSW	1.86	11.356%	\$2,500,000.00	\$2,500,000.00
Defence Bank	30/07/2018	274	30/04/19	A-2	2.85	BBSW	1.86	6.814%	\$1,500,000.00	\$1,500,000.00
Defence Bank	10/07/2018	184	10/01/19	A-2	2.85	BBSW	1.86	11.356%	\$2,500,000.00	\$2,500,000.00
National Australia Bank	8/10/2018	91	07/01/19	A-1+	2.65	BBSW	1.86	6.814%	\$1,500,000.00	\$1,500,000.00
AMP	15/06/2018	242	12/02/19	A-1	2.80	BBSW	1.89	4.542%	\$1,000,000.00	\$1,000,000.00
Bank Australia	5/07/2018	365	05/07/19	A-2	3.00	BBSW	1.83	9.085%	\$2,000,000.00	\$2,000,000.00
National Australia Bank	1/11/2018	90	30/01/19	A-1+	2.65	BBSW	1.85	4.542%	\$1,000,000.00	\$1,000,000.00
National Australia Bank	20/06/2018	210	16/01/19	A-1+	2.85	BBSW	1.86	15.898%	\$3,500,000.00	\$3,500,000.00
National Australia Bank	8/10/2018	91	07/01/19	A-1+	2.65	BBSW	1.85	9.085%	\$2,000,000.00	\$2,000,000.00
								<b>79.49%</b>	<b>\$17,500,000.00</b>	<b>\$17,500,000.00</b>
<b>Cash Deposit Account</b>										
T Corp				A-1+	2.82	Cash Rate	1.50	5.91%	\$1,300,827.85	\$1,300,827.85
AMP				A-1	1.92	Cash Rate	1.50	14.601%	\$3,214,319.72	\$3,214,319.72
								<b>20.51%</b>	<b>\$4,515,147.57</b>	<b>\$4,515,147.57</b>
<b>TOTAL INVESTMENTS</b>								<b>100.00%</b>	<b>\$22,015,147.57</b>	<b>\$22,015,147.57</b>
Cash at Bank										\$1,366,613.69
<b>TOTAL FUNDS</b>										<b>\$23,381,761.26</b>

**b) Application of Investment Funds**

Restricted Funds	Description	Value
Externally Restricted	LIRS Loan Funds	\$0.00
		<u>\$0.00</u>
Internally Restricted	Employee Leave Entitlements (50% of ELE)	\$1,856,197.28
	Asset Replacement	\$1,758,208.25
	Loan Funds	\$0.00
	Sales Fluctuation	\$5,000,000.00
		<u>\$8,614,405.53</u>
Unrestricted Funds		\$14,767,355.73
<b>TOTAL FUNDS</b>		<b>\$23,381,761.26</b>

\* Externally & Internally Restricted Reserve figures are subject to final adjustment and external audit at 30 June each year.

**CERTIFICATE**

I hereby certify that all the above investments have been made in accordance with the provision of Section 625 of the Local Government Act 1993 and the regulations thereunder.



**E Tonacia**  
**MANAGER CORPORATE SERVICES**

## Monthly Investment Report as at 31/01/2019

### a) Council's Investments as at 31/01/2019

Investment	Inception Date	Term (Days)	Maturity Date	S&P Rating	Interest Rate (%)	Performance Benchmark	Benchmark Rate (%)	Percentage of Portfolio	Principal Value	Market Value
<b>Term Deposits</b>										
AMP	17/01/2019	182	18/07/19	A-1	2.75	BBSW	1.86	11.354%	\$2,500,000.00	\$2,500,000.00
Defence Bank	30/07/2018	274	30/04/19	A-2	2.85	BBSW	1.86	6.813%	\$1,500,000.00	\$1,500,000.00
Defence Bank	10/01/2019	273	10/10/19	A-2	2.75	BBSW	1.86	11.354%	\$2,500,000.00	\$2,500,000.00
National Australia Bank	7/01/2019	91	08/04/19	A-1+	2.65	BBSW	1.86	6.813%	\$1,500,000.00	\$1,500,000.00
AMP	15/06/2018	242	12/02/19	A-1	2.80	BBSW	1.89	4.542%	\$1,000,000.00	\$1,000,000.00
Bank Australia	5/07/2018	365	05/07/19	A-2	3.00	BBSW	1.83	9.084%	\$2,000,000.00	\$2,000,000.00
National Australia Bank	30/01/2019	90	30/04/19	A-1+	2.65	BBSW	1.85	4.542%	\$1,000,000.00	\$1,000,000.00
National Australia Bank	16/01/2019	210	14/08/19	A-1+	2.72	BBSW	1.86	15.896%	\$3,500,000.00	\$3,500,000.00
National Australia Bank	7/01/2019	91	08/04/19	A-1+	2.65	BBSW	1.85	9.084%	\$2,000,000.00	\$2,000,000.00
								<b>79.48%</b>	<b>\$17,500,000.00</b>	<b>\$17,500,000.00</b>
<b>Cash Deposit Account</b>										
T Corp				A-1+	2.64	Cash Rate	1.50	5.92%	\$1,303,660.56	\$1,303,660.56
AMP				A-1	1.86	Cash Rate	1.50	14.599%	\$3,214,289.72	\$3,214,289.72
								<b>20.52%</b>	<b>\$4,517,950.28</b>	<b>\$4,517,950.28</b>
<b>TOTAL INVESTMENTS</b>								<b>100.00%</b>	<b>\$22,017,950.28</b>	<b>\$22,017,950.28</b>
Cash at Bank										\$2,126,857.10
<b>TOTAL FUNDS</b>										<b>\$24,144,807.38</b>

**b) Application of Investment Funds**

Restricted Funds	Description	Value
Externally Restricted	LIRS Loan Funds	\$0.00
		<u>\$0.00</u>
Internally Restricted	Employee Leave Entitlements (50% of ELE)	\$1,856,197.28
	Asset Replacement	\$1,758,208.25
	Loan Funds	\$0.00
	Sales Fluctuation	\$5,000,000.00
		<u>\$8,614,405.53</u>
Unrestricted Funds		\$15,530,401.85
<b>TOTAL FUNDS</b>		<b>\$24,144,807.38</b>

\* Externally & Internally Restricted Reserve figures are subject to final adjustment and external audit at 30 June each year.

**CERTIFICATE**

I hereby certify that all the above investments have been made in accordance with the provision of Section 625 of the Local Government Act 1993 and the regulations thereunder.



**E Tonacia**  
**MANAGER CORPORATE SERVICES**

## 2. QUARTERLY BUDGET REVIEW – PERIOD ENDED THE 31ST DECEMBER 2018

**RECOMMENDATION** That the Quarterly Budget Review for the period ended 31 December 2018 be received and adopted.

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The Quarterly Review of Council's Budget for the period ended 31 December 2018 is submitted for examination by the Council.

The anticipated Operating Result for 2018/2019 is a surplus of \$9,845,000. The Operating Result was originally budgeted for a surplus of \$9,400,000. The Capital Works expenditure budget is in addition to this amount and is covered in the following paragraph. Proposed December quarterly review operational adjustments relate to:

- \$30,000 increased media & communication costs as a result of an increased focus on community engagement.
- \$25,000 additional allocation to Council donations due to WaterAid membership and involvement as per Council resolution 18/84 and 18/163.
- \$500,000 reallocation of Community Grants program to 19/20 due to timing of preparation of grant guidelines.

Also included is a quarterly review of Capital Works Projects. The Proposed Capital Budget totals \$25,671,438. The Capital Budget was originally budgeted for \$28,577,821. Proposed December quarterly review adjustments total a reduction of \$2,936,383 items of note include:

- \$30,000 bring forward of The Rock depot development design – construction to take place 19/20
- \$80,000 required for the risk assessments for the solar pilot plant project.
- \$233,000 deferral of Humula well replacement to 19/20.
- \$20,000 deferral of Data Management System Upgrade due to development of ICT Strategy.
- \$70,000 increase in Tarcutta Backwash Discharge to Sewer due to earlier than anticipated approval from Wagga Wagga City Council.
- \$100,000 deferral of West Wagga WTP Fluoride Plant.
- \$55,000 deferral of Woomagama WTP project to 19/20.
- \$50,000 reduction to Bulgary WTP Pump Station project due to a change in project scope.
- \$60,000 reduction of Milbrulong Balance Tank Power Supply due to a change in project scope.
- \$955,383 reduction to Shires Reservoir project due to tendered prices being significantly lower than anticipated.
- \$200,000 reduction to the Main Low Level Reservoir project due to tendered prices being lower than anticipated.
- \$900,000 deferral to the Glenoak Reservoir Construction due to a delay in project completion due to additional earthworks.
- \$40,000 reduction to Walbundrie Res Replacement after detailed costing completed.
- \$23,000 reduction in reservoir ladder upgrades.
- \$300,000 deferral of Low Level Reservoir Pipework construction to 19/20.
- \$200,000 reduction to Estella to CSU Pipework project due to lower than anticipated pipeline costs.
- \$100,000 reduction to Gap Hall Coolamon Pipeline project due to anticipation project will come under budget.
- \$50,000 reduction to Narrung Street Pipeline project due to job being completed under budget.
- \$100,000 reduction to The Rock/ Milbrulong Balance Tank project.
- \$300,000 bring forward of Woomargama mains extension.

The Quarterly Budget Review Statement should be read in conjunction with the detailed Capital Expenditure Quarterly Review, which is included at the end of this report

- [\*Quarterly Budget Review\*](#)

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**Report by Responsible Accounting Officer**

The following statement is made in accordance with Clause 203(2) of the Local Government (General) Regulations 2005:

It is my opinion that the Quarterly Budget Review Statement for Riverina Water County Council for the quarter ended 31/12/18 indicates that Council's projected financial position at 30/6/19 will be satisfactory at year end, having regard to the projected estimates of income and expenditure and the original budgeted income and expenditure.



**Signed:**

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**date: 14/02/2019**

Ms Emily Tonacia  
Responsible Accounting Officer

## Income &amp; Expenses Budget Review Statement

Budget review for the quarter ended 31 December 2018

(\$000's)	Original Budget 2018/19	Approved Changes		Revised Budget 2018/19	Variations for this Dec Qtr	Notes	Projected Year End Result	18/19	17/18
		Other than by QBRS	Sep QBRS					Actual YTD figures	Actual YTD figures
<b>Income</b>									
Rates and Annual Charges	5,085	-	-	5,085	-		5,085	2,752	2,626
User Charges and Fees	23,193	-	-	23,193	-		23,193	10,056	8,394
Interest and Investment Revenues	200	-	-	200	-		200	160	192
Other Revenues	236	-	-	236	-		236	326	288
Grants & Contributions - Operating	210	-	-	210	-		210	7	13
Grants & Contributions - Capital	3,803	-	-	3,803	-		3,803	3,098	2,525
<b>Total Income from Continuing Operations</b>	<b>32,727</b>	<b>-</b>	<b>-</b>	<b>32,727</b>	<b>-</b>		<b>32,727</b>	<b>16,399</b>	<b>14,038</b>
<b>Expenses</b>									
Employee Costs	8,032	-	126	8,158	-		8,158	3,933	3,301
Borrowing Costs	582	-	-	582	-		582	254	280
Materials & Contracts	3,672	95	14	3,781	30	1	3,811	1,882	1,233
Depreciation	6,100	-	-	6,100	-		6,100	3,023	3,019
Other Expenses	4,706	-	-	4,706	(475)	2	4,231	1,918	1,631
<b>Total Expenses from Continuing Operations</b>	<b>23,092</b>	<b>95</b>	<b>140</b>	<b>23,327</b>	<b>(445)</b>		<b>22,882</b>	<b>11,010</b>	<b>9,464</b>
<b>Net Operating Result from Continuing Operations</b>	<b>9,635</b>	<b>(95)</b>	<b>(140)</b>	<b>9,400</b>	<b>445</b>		<b>9,845</b>	<b>5,389</b>	<b>4,574</b>
<b>Net Operating Result from All Operations</b>	<b>9,635</b>	<b>(95)</b>	<b>(140)</b>	<b>9,400</b>	<b>445</b>		<b>9,845</b>	<b>5,389</b>	<b>4,574</b>
<b>Net Operating Result before Capital Items</b>	<b>5,832</b>	<b>(95)</b>	<b>(140)</b>	<b>5,597</b>	<b>445</b>		<b>6,042</b>	<b>2,291</b>	<b>2,049</b>



**Capital Budget Review Statement**

Budget review for the quarter ended 31 December 2018

(\$000's)	Original Budget 2018/19	Approved Changes				Revised Budget 2018/19	Variations for this Dec Qtr	Notes	Projected Year End Result	18/19	17/18
		Carry Forwards	17/18 Revotes	Other than by QBRs	Sep QBRs					Actual YTD figures	Actual YTD figures
<b>Capital Expenditure</b>											
Land & Buildings	987	405	13	1,100	1,537	4,042	30	1	4,072	1,101	153
Plant & Equipment	1,654	499	251	40	43	2,487	80	2	2,567	1,108	1,074
Water Infrastructure	19,001	1,921	4,667	-	(3,540)	22,049	(3,016)	3	19,033	9,081	8,260
Loan Repayments (Principal)	-	-	-	-	-	-	-		-	812	739
<b>Total Capital Expenditure</b>	<b>21,642</b>	<b>2,825</b>	<b>4,931</b>	<b>1,140</b>	<b>(1,960)</b>	<b>28,578</b>	<b>(2,906)</b>		<b>25,672</b>	<b>12,102</b>	<b>10,226</b>
<b>Capital Funding</b>											
Rates & Other Untied Funding	21,642	2,825	4,931	1,140	(1,960)	28,578	(2,906)		25,672	12,102	10,226
New Loans	-	-	-	-	-	-	-		-	-	-
<b>Total Capital Funding</b>	<b>21,642</b>	<b>2,825</b>	<b>4,931</b>	<b>1,140</b>	<b>(1,960)</b>	<b>28,578</b>	<b>(2,906)</b>		<b>25,672</b>	<b>12,102</b>	<b>10,226</b>
<b>Net Capital Funding - Surplus/(Deficit)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>		<b>-</b>	<b>-</b>	<b>-</b>

**Capital Budget Review Statement**  
**Recommended changes to revised budget**

Budget Variations being recommended include the following material items:

**Notes Details**

Refer to Capital Works Progress report for more detail on Capital Projects

1	Bring forward of The Rock depot development. Budget to cover design and geotechnical report Construction costs to take place in 2020.
2	Additional funds are required for the risk assessments for the solar pilot plant design.
3	<ul style="list-style-type: none"> <li>a) \$233,000 - deferral to 19/20 of Humula well replacement.</li> <li>b) \$20,000 - deferral of Data Management System Upgrade.</li> <li>c) \$70,000 - increase in Tarcutta Backwash Discharge to Sewer.</li> <li>d) \$100,000 - deferral of West Wagga WTP Flouride Plant Replacement.</li> <li>e) \$55,000 - deferral of Woomagama WTP project.</li> <li>f) \$50,000 - reduction to Bulgary WTP Pump Station project.</li> <li>g) \$60,000 - reduction of Milbrulong Balance Tank Power Supply.</li> <li>h) \$955,383 - reduction to Shires Reservoir project.</li> <li>i) \$200,000 - reduction to Main Low Level Reservoir Project.</li> <li>j) \$900,000 - reduction to Glenoak Reservoir Construction</li> <li>k) \$40,000 - reduction to Walbundrie Res Replacement.</li> <li>l) \$23,000 - reduction in reservoir ladder upgrades.</li> <li>m) \$300,000 - deferral to 19/20 of Low Level Res Pipework.</li> <li>n) \$200,000 - reduction to Estella to CSU Pipeline project.</li> <li>o) \$100,000 - reduction due to the Gap Hall Coolamon Pipeline project.</li> <li>p) \$50,000 - reduction to Narrung Street Pipeline project.</li> <li>q) \$100,000 - reduction to The Rock/Milbrulong BT Pipeline project.</li> <li>r) \$300,000 - bring forward of Woomargama mains extension project.</li> </ul>

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**Cash & Investments Budget Review Statement**

Budget review for the quarter ended 31 December 2018

(\$000's)	Original Budget 2018/19	Revised Budget 2018/19	Variations for this Dec Qtr	Notes	Projected Year End Result	Actual YTD figures
<b>Externally Restricted <sup>(1)</sup></b>						
Loan Funds - LIRS	-	-	-		-	-
<b>Total Externally Restricted</b>	-	-	-		-	-
(1) Funds that must be spent for a specific purpose						
<b>Internally Restricted <sup>(2)</sup></b>						
Employee Leave Entitlements	1,263	1,263	-		1,263	1,856
Asset Replacement	2,491	2,491	-		2,491	1,758
Sales Fluctuation	5,000	5,000	-		5,000	5,000
<b>Total Internally Restricted</b>	<b>8,754</b>	<b>8,754</b>	-		<b>8,754</b>	<b>8,614</b>
(2) Funds that Council has earmarked for a specific purpose						
<b>Unrestricted (ie. available after the above Restrictions)</b>	(1,654)	(1,654)	7,260	1	5,606	14,768
<b>Total Cash &amp; Investments</b>	<b>7,100</b>	<b>7,100</b>	<b>7,260</b>		<b>14,360</b>	<b>23,382</b>

## Cash & Investments Budget Review Statement

### Comment on Cash & Investments Position

Due to Cash & Investment balances at the start of the financial year being higher than anticipated after the 2017/18 end of year financial result cash on hand is higher than originally budgeted.

### Investments

Investments have been invested in accordance with Council's Investment Policy.

### Cash

This Cash at Bank amount has been reconciled to Council's physical Bank Statements.  
The date of completion of this bank reconciliation is 03/01/19

### Reconciliation Status

The YTD Cash & Investment figure reconciles to the actual balances held as follows:		<b>\$ 000's</b>
Cash at Bank (as per bank statements)		737
Investments on Hand		22,015
less: Unpresented Cheques	(Timing Difference)	(18)
add: Undeposited Funds	(Timing Difference)	648

<b>Reconciled Cash at Bank &amp; Investments</b>	23,382
<b>Balance as per Review Statement:</b>	23,382
Difference:	-

### Recommended changes to revised budget

Budget Variations being recommended include the following material items:

<b>Notes</b>	<b>Details</b>
--------------	----------------

- |   |   |
|---|---|
| 1 | Cash on hand anticipated to be higher than original budget due to deferred CAPEX projects and a higher than anticipated balance as at 30 June 2018. |
|---|---|



**Key Performance Indicators Budget Review Statement - Industry KPI's (OLG)**

Budget review for the quarter ended 31 December 2018

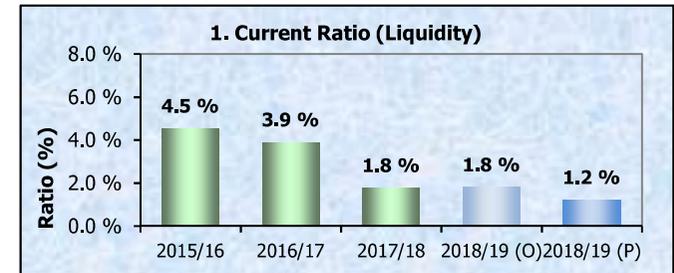
(\$000's)	Current Projection		Original Budget 18/19	Actuals Prior Periods	
	Amounts	Indicator		17/18	16/17
	18/19	18/19			

NSW Local Government Industry Key Performance Indicators (OLG):

**1. Current Ratio (Liquidity)**

Current Assets	8607	1.2 %	1.8 %	1.8 %	3.9 %
Current Liabilities	7104				

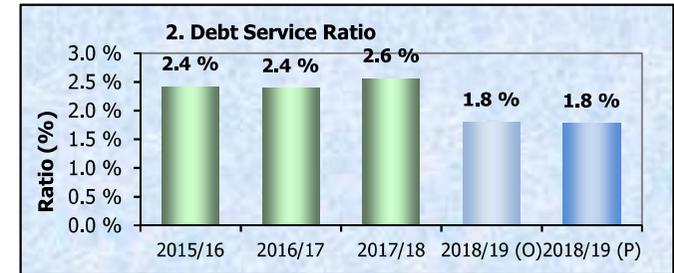
This measures Council's ability to pay existing liabilities in the next 12 months. (target >1.5)



**2. Debt Service Ratio**

Debt Service Cost	582	1.8 %	1.8 %	2.6 %	2.4 %
Income from Continuing Operations	32727				

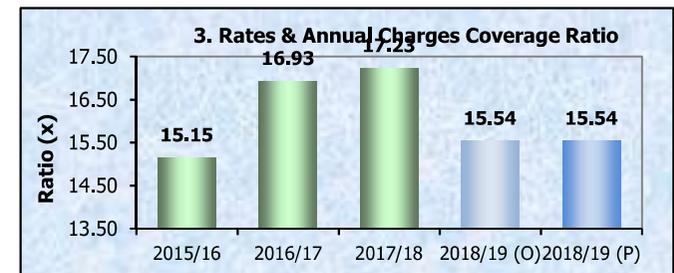
This measures Council's ability to meet interest repayments and therefore service debt. (target 0% to 5%)



**3. Rates & Annual Charges Coverage Ratio**

Rates & Annual Charges	5085	15.54	15.54	17.23	16.93
Income from Continuing Operations	32727				

To assess the degree of Council's dependence upon revenue from rates and annual charges and to assess the security of Council's income. (target < 25%)



**Key Performance Indicators Budget Review Statement - Industry KPI's (OLG)**

Budget review for the quarter ended 31 December 2018

(\$000's)	Current Projection		Original Budget 18/19	Actuals Prior Periods	
	Amounts	Indicator		17/18	16/17
	18/19	18/19			

NSW Local Government Industry Key Performance Indicators (OLG):

**4. Capital Replacement Ratio**

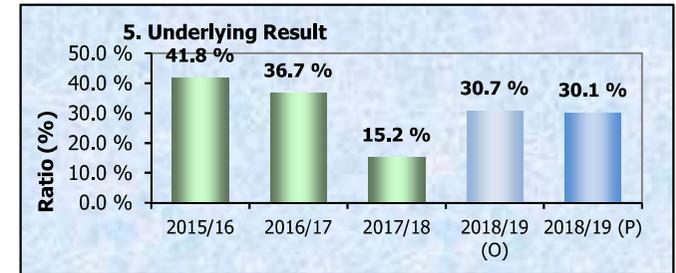
Infrastructure, Property, Plant & Equipment	25642	4.20	5.97	3.30	2.96
Depreciation	6100				

Comparison of the rate of spending on IPP&E with consumption of assets. This is a long-term indicator, as capital expenditure can be deferred in the short term if insufficient funds are available from operations and borrowing is not an option. (target > 1.5)

**5. Underlying Result**

Net Result	9845	30.1 %	30.7 %	15.2 %	36.7 %
Total Revenue	32727				

A positive result indicates a surplus and the larger the percentage the stronger the result. A negative result indicates a deficit. Operating deficits cannot be sustained in the long term. (target > 0%)





**Consultancy & Legal Expenses Budget Review Statement**

Consultancy & Legal Expenses Overview

<b>Expense</b>	<b>YTD Expenditure (Actual Dollars)</b>	<b>Budgeted (Y/N)</b>
Consultancies	19	Y
Legal Fees	-	-

**Definition of a consultant:**

A consultant is a person or organisation engaged under contract on a temporary basis to provide recommendations or high level specialist or professional advice to assist decision making by management. Generally it is the advisory nature of the work that differentiates a consultant from other contractors.

**Comments**

Expenditure included in the above YTD figure but not budgeted includes:

**Details**

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Riverina Water County Council

OPERATIONAL PLAN - DECEMBER 2018 REVIEW

OPERATING SUMMARY	YTD ACTUAL \$'000	CURRENT BUDGET \$'000	REMAINING \$'000	% AVAILABLE	2018/19 BUDGET \$'000	31/12/18 REVIEW ADJUSTMENT	REVISED BUDGET \$'000	REVIEW ADJUSTMENT COMMENT
<b>OPERATING INCOME</b>								
<b>Access Charges</b>								
Urban	2,184	4,117	1,933	47%	4,117	0	4,117	
Non-Urban	568	968	400	41%	968		968	
	2,752	5,085	2,333	46%	5,085	0	5,085	
<b>User Charges</b>								
<b>Consumption Charges</b>								
Urban	7,171	18,002	10,831	60%	18,002	0	18,002	
Non-Urban	1,870	4,142	2,272	55%	4,142	0	4,142	
	9,041	22,143	13,103	59%	22,143	0	22,143	
<b>Extra Charges</b>								
Urban	24	70	46	66%	70	0	70	
Non-Urban	5	20	15	0%	20		20	
	29	90	61	68%	90	0	90	
<b>Other Income</b>	1,300	1,156	-144	-12%	1,156	0	1,156	
<b>Interest</b>	160	200	40	20%	200		200	
<b>Operating Grants &amp; Contributions</b>	7	210	203	97%	210	0	210	
<b>Capital Grants &amp; Contributions</b>	3,098	3,803	705	19%	3,803	0	3,803	
<b>Private Works Income</b>	12	40	28	0%	40	0	40	
<b>TOTAL OPERATING INCOME</b>	<b>16,398</b>	<b>32,727</b>	<b>16,083</b>	<b>49%</b>	<b>32,727</b>	<b>0</b>	<b>32,727</b>	
<b>OPERATING EXPENSES</b>								
<b>Management</b>	3,765	8,792	5,028	57%	8,792	-445	8,347	See QBR Statement
<b>Operations &amp; Maintenance</b>								
<i>Buildings &amp; Grounds</i>								
Urban	279	614	335	55%	614	0	614	
Non-Urban	41	50	9	18%	50	0	50	
	320	664	344	52%	664	0	664	
<i>Management - Operations</i>								
Urban	433	1,000	567	57%	1,000	0	1,000	
Non-Urban	176	350	174	50%	350	0	350	
	609	1,350	741	55%	1,350	0	1,350	
<i>Sources</i>								
Urban	394	1,218	824	68%	1,218	0	1,218	

<b>OPERATING SUMMARY</b>	<b>YTD ACTUAL \$'000</b>	<b>CURRENT BUDGET \$'000</b>	<b>REMAINING \$'000</b>	<b>% AVAILABLE</b>	<b>2018/19 BUDGET \$'000</b>	<b>31/12/18 REVIEW ADJUSTMENT</b>	<b>REVISED BUDGET \$'000</b>	<b>REVIEW ADJUSTMENT COMMENT</b>
Non-Urban	178	224	46	21%	224	0	224	
	572	1,442	870	60%	1,442	0	1,442	
<i>Pumping Stations</i>								
Urban	192	407	215	53%	407	0	407	
Non-Urban	94	267	172	65%	267	0	267	
	286	674	388	58%	674	0	674	
<i>Reservoirs</i>								
Urban	88	180	93	51%	180	0	180	
Non-Urban	59	151	92	61%	151	0	151	
	147	332	185	56%	332	0	332	
<i>Treatment Plant</i>								
Urban	870	2,240	1,370	61%	2,240	0	2,240	
Non-Urban	257	538	281	52%	538	0	538	
	1,126	2,778	1,651	59%	2,778	0	2,778	
<i>Mains &amp; Services</i>								
Supervision	113	224	112	50%	224	0	224	
Urban	610	877	267	30%	877	0	877	
Non-Urban	343	502	159	32%	502	0	502	
	1,066	1,603	538	34%	1,603	0	1,603	
<i>Other Operations</i>	96	-410	-506	123%	-410	0	-410	
<b>Depreciation</b>	3,023	6,100	3,077	50%	6,100	0	6,100	
<b>TOTAL OPERATING EXPENSES</b>	<b>11,010</b>	<b>23,326</b>	<b>12,316</b>	<b>53%</b>	<b>23,326</b>	<b>-445</b>	<b>22,881</b>	
<b>OPERATING RESULT</b>	<b>5,388</b>	<b>9,401</b>			<b>9,401</b>	<b>445</b>	<b>9,846</b>	

# Riverina Water County Council

## BALANCE SHEET

Projected  
2018/19  
\$'000

### ASSETS

#### Current Assets

Cash & Cash Equivalents

14,360

Receivables

3,637

Inventories

2,477

#### Total Current Assets

20,474

#### Non-Current Assets

Infrastructure, Property, Plant & Equipment

365,745

Intangible Assets

4,300

#### Total Non-Current Assets

370,045

#### TOTAL ASSETS

390,520

### LIABILITIES

#### Current Liabilities

Payables

933

Income received in advance

231

Borrowings

1,761

Provisions

3,851

#### Total Current Liabilities

6,775

#### Non-Current Liabilities

Borrowings

7,258

#### Total Non-Current Liabilities

7,258

#### TOTAL LIABILITIES

14,034

#### Net Assets

376,486

### EQUITY

Retained Earnings

131,755

Revaluation Reserves

244,730

Council Equity Interest

376,485

#### Total Equity

376,485

**31 DECEMBER 2018 QUARTERLY BUDGET REVIEW**

Description	Current Budget 2018/19	YTD Actual 2018/19	Budget Remaining	31/12/18 QBR	Revised Budget 2018/19	Comment
	\$	\$	\$	\$	\$	
<b>MANAGEMENT</b>						
<b>LAND &amp; BUILDINGS FOR ADMIN. DEPOTS AND WORKSHOPS</b>						
Administration Office	34,850	27,602	7,248	0	34,850	
Depot Buildings	175,000	48,087	126,913	30,000	205,000	Bring forward of The Rock depot development.
Access, Parking and Landscaping	3,831,966	1,025,552	2,806,414	0	3,831,966	
<b>SUB-TOTAL LAND &amp; BUILDINGS FOR ADMIN, DEPOTS &amp; WORKSHOPS</b>	<b>4,041,816</b>	<b>1,101,242</b>	<b>2,940,574</b>	<b>30,000</b>	<b>4,071,816</b>	
<b>PLANT &amp; EQUIPMENT</b>						
IT Equipment	183,598	156,107	27,491	0	183,598	
Office Furniture & Equipment	15,000	2,645	12,355	0	15,000	
Working Plant & Vehicle Purchases	1,244,988	681,803	563,185	0	1,244,988	
Telemetry & Control Systems Upgrade	193,126	111,697	81,429	0	193,126	
Radio Communications Upgrade/Replacements/Improvements	760,475	156,044	604,431	0	760,475	
Energy Efficiency & Cost Minimisation	90,000	0	90,000	80,000	170,000	Solar pilot plant design risk assessments
<b>SUB-TOTAL PLANT &amp; EQUIPMENT</b>	<b>2,487,187</b>	<b>1,108,297</b>	<b>1,378,890</b>	<b>80,000</b>	<b>2,567,187</b>	
<b>TOTAL MANAGEMENT</b>	<b>6,529,003</b>	<b>2,209,538</b>	<b>4,319,465</b>	<b>110,000</b>	<b>6,639,003</b>	
<b>SOURCES</b>						
Bores-renew/refurbish/decommission	344,600	95,744	248,856	-233,000	111,600	Deferral of Humula well replacement to 19/20
Source Works General Improvements	27,000	0	27,000	0	27,000	
Switchboards Improvements/Replacements	5,000	0	5,000	0	5,000	
<b>TOTAL SOURCES</b>	<b>376,600</b>	<b>95,744</b>	<b>280,856</b>	<b>-233,000</b>	<b>143,600</b>	
<b>TREATMENT PLANTS</b>						
General Improvements	20,000	0	20,000	-20,000	0	Deferral of Daata Management System upgrade
Aeration Tower Replacements	25,000	0	25,000	0	25,000	
Aeration Tower Covers	329,220	30,997	298,223	0	329,220	
Specific Treatment Plant improvements	35,000	6,944	28,056	70,000	105,000	Increase Tarcutta Backwash Discharge to Sewer
Treatment Plant refurbishments	8,204,326	4,216,979	3,987,347	-155,000	8,049,326	Deferral of WW WTP Flouride Plant Replacement & Woomagama WTP
Laboratory Facilities Upgrade	50,000	0	50,000	0	50,000	

Description	Current Budget 2018/19	YTD Actual 2018/19	Budget Remaining	31/12/18 QBR	Revised Budget 2018/19	Comment
	\$	\$	\$	\$	\$	
Treatment Plant Switchboards/Control Systems Replacement/Upgrade	5,000	0	5,000	0	5,000	
<b>TOTAL TREATMENT PLANTS</b>	<b>8,668,546</b>	<b>4,254,920</b>	<b>4,413,626</b>	<b>-105,000</b>	<b>8,563,546</b>	
<b>PUMPING STATIONS</b>						
Pump Stations Renewal/Refurbish/Upgrade	95,097	36,279	58,818	-50,000	45,097	Change in scope of Bulgary WTP project
Pump & Motor Maintenance / Replacements	32,000	9,184	22,816	0	32,000	
Pump Station Switchboards/Control Systems Replacement/Upgrade	60,000	34,492	25,508	0	60,000	
<b>TOTAL PUMPING STATIONS</b>	<b>187,097</b>	<b>79,954</b>	<b>107,143</b>	<b>-50,000</b>	<b>137,097</b>	
<b>RESERVOIRS</b>						
General Improvements	180,000	0	180,000	-60,000	120,000	Reduction of Milbrulong Balance Tank Power Supply
New/Replacement Reservoirs	5,331,889	1,245,625	4,086,264	-2,095,383	3,236,506	Reduction to Shires Reservoir, Low Level Reservoir, Glenoak Reservoir & Wallbundrie Reservoir
Reservoirs - Upgrade Ladders and Access	25,000	1,038	23,962	-23,000	2,000	Reduction in reservoir ladder upgrades
Reservoir Hatches Magflows	77,000	0	77,000	0	77,000	
<b>TOTAL RESERVOIRS</b>	<b>5,613,889</b>	<b>1,246,663</b>	<b>4,367,226</b>	<b>-2,178,383</b>	<b>3,435,506</b>	
<b>MAINS, SERVICES &amp; METERS</b>						
<b>MAINS</b>						
System Improvements	2,105,000	1,313,062	791,938	-500,000	1,605,000	Deferral of Low Level Res pipework & reduction to Estella to CSU pipeline project
Reticulation for Developers (including other extensions)	860,000	304,854	555,146	0	860,000	
Renew Reticulation Mains	1,300,000	621,627	678,373	-150,000	1,150,000	Reduction of Gap Hall Coolamon Pipeline & Narrung Street Pipeline projects
Renew Trunk Mains	1,885,000	716,682	1,168,318	200,000	2,085,000	Reduction to The Rock/ Muilbrulong BT Pipeline & Bring forward of Woomargama Mains Ext
<b>SUB-TOTAL MAINS</b>	<b>6,150,000</b>	<b>2,956,225</b>	<b>3,193,775</b>	<b>-450,000</b>	<b>5,700,000</b>	
<b>SERVICES</b>						
Service Connections, new including Meters	550,000	295,276	254,724	0	550,000	
Renew Services	130,000	36,300	93,700	0	130,000	
<b>SUB-TOTAL SERVICES</b>	<b>680,000</b>	<b>331,576</b>	<b>348,425</b>	<b>0</b>	<b>680,000</b>	
<b>METERS</b>						

Description	Current Budget 2018/19	YTD Actual 2018/19	Budget Remaining	31/12/18 QBR	Revised Budget 2018/19	Comment
	\$	\$	\$	\$	\$	
Water meters replacement	180,000	77,924	102,077	0	180,000	
Remote metering	75,000	0	75,000	0	75,000	
Water Filling Stations Upgrade	117,686	37,355	80,331	0	117,686	
<b>SUB-TOTAL METERS</b>	<b>372,686</b>	<b>115,279</b>	<b>257,407</b>	<b>0</b>	<b>372,686</b>	
<b>TOTAL MAINS, SERVICES &amp; METERS</b>	<b>7,202,686</b>	<b>3,403,079</b>	<b>3,799,607</b>	<b>-450,000</b>	<b>6,752,686</b>	
<b>TOTALS</b>	<b>28,577,821</b>	<b>11,289,899</b>	<b>17,287,922</b>	<b>-2,906,383</b>	<b>25,671,438</b>	

### 3. OPERATIONAL PLAN – PERFORMANCE TARGETS

**RECOMMENDATION** That the report detailing progress, as at 31 December 2018, achieved towards the various objectives set out in the 2018/2019 Operational Plan be noted and received.

In accordance with the provisions of Section 407 of the Local Government Act 1993, I report to Council on the progress achieved in the year for the various Key Performance Indicators set out in the 2018/2019 Operational Plan.

#### Services

Measure	Key Performance Indicator	Progress to 31 December 2018
Customer Satisfaction Rating	>4 (out of 5)	N/A – Annual measure
Water Quality Satisfaction	>4 (out of 5)	N/A – Annual measure

#### Asset Replacement

Measure	Key Performance Indicator	Progress to 31 December 2018
Projects completed from Capital Works Program	>85%	N/A – Annual Measure (Refer DoE Report for Progress)

#### Demand Management

Measure	Key Performance Indicator	Progress to 31 December 2018
Peak Day Demand (weekly average)	<65 ML	53.74 ML

#### WHS

Objectives	Key Performance Indicator	Progress to 31 December 2018	
Number of days lost through injury	< previous period	2017/18 9	2018/19 30
Percentage of sick leave hours to ordinary hours worked	<3.5%	3.20%	2.81%
Total hours worked compared to time lost through injury & illness	< previous period	.198%	0.5%

#### Environmental Protection

Key Performance Indicator	Key Performance Indicator	Progress to 31 December 2018	
Power used per ML of water billed KWh	< same period last year	Dec Qtr. 2017 1369Wh	Dec Qtr. 2018 1460Wh
Power costs per ML of water billed \$	< same period last year	\$105	\$189

#### Equal Employment Opportunity

Key Performance Indicator	Key Performance Indicator	Progress to 31 December 2018
Number of legitimate EEO complaints resolved	100%	Nil lodged
Percentage of staff returning from parental leave	100%	100%

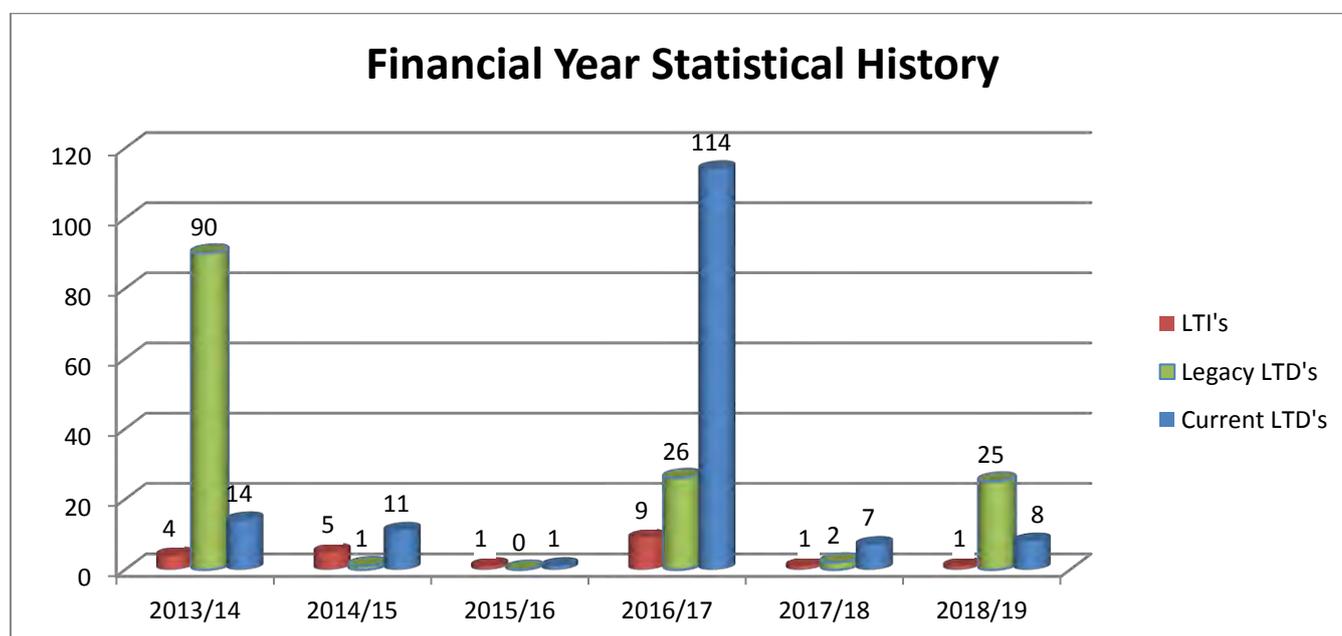
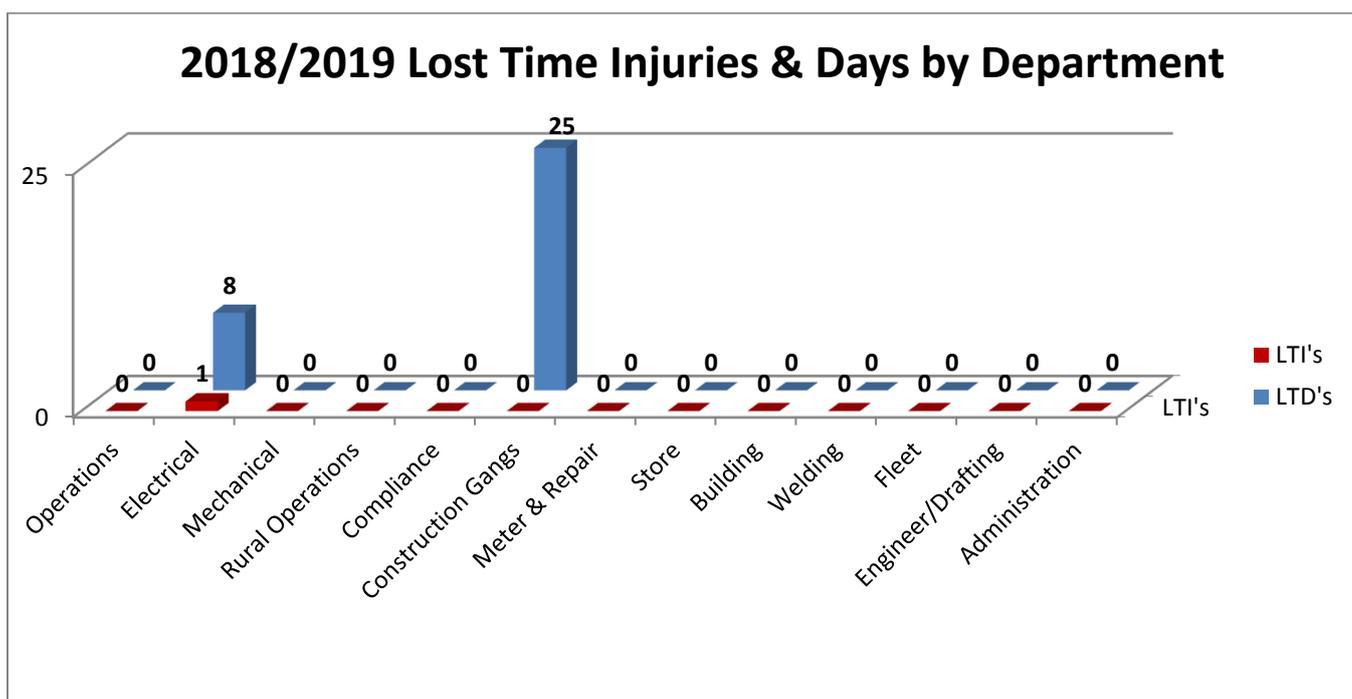
#### Charges and Fees

Key Performance Indicator	Key Performance Indicator	Progress to 31 December 2018
Level of Water Charges overdue compared to water sales for previous 12 months	<5%	2.68%
Level of Sundry Debtor Accounts overdue compared to debtors raised for previous 12 months	<5%	0.78%

#### 4. LOST TIME INJURY STATISTICS 2018/19

**RECOMMENDATION** that the quarterly statistics report on Lost Time Injuries for the 2018 / 2019 financial year to date be received and noted.

QUARTER	LOST TIME INJURIES	LOST TIME DAYS CURRENT INCIDENTS	LOST TIME DAYS LEGACY INCIDENTS	TOTAL LTD's
July - September 2018	0	0	12/6/2018 Knee injury	22
October - December 2018	1	Shin laceration	8	0
January - March 2019	0	0	12/6/2018 Knee injury	3
April - June 2019	0	0	0	0
Year to date running tally	0	8	25	33



## WHS KPI's

Objectives	Key Performance Indicator	Progress to 30 December 2018	
Number of days lost through injury	0 or < previous period	2017/18 9	2018/19 30
Percentage of sick leave hours to ordinary hours worked	<3.5%	3.20%	2.81%
Total hours worked compared to time lost through workplace injury & illness	< previous period	0.05%	0.5%

In the period from July to the end of December we lost 253.3 hours on Workers Compensation claims. Over the July/December half year we worked a total of 51060 hours.

## 5. APPOINTMENT OF COUNCIL REPRESENTATIVE OF AUDIT, RISK AND IMPROVEMENT COMMITTEE

**RECOMMENDED** that Council appoint a representative to the Audit, Risk & Improvement Committee.

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The Audit, Risk & Improvement Committee Charter specifies that the Audit, Risk & Improvement Committee will consist of not few than one (1) nor more than two (2) Councillors of Riverina Water County Council (with an alternate to be appointed).

Clr Braid is the elected member to the Committee and Cr Koschel is the alternate member.

Due to the resignation of Clr. Koschel a vacancy in the committee has arisen. The term of the appointment will be until the Council elections in September 2020. Membership of the Committee attracts no sitting fee, however, Council will reimburse travel costs associated with meetings of the Committee.

## 6. JOINT ORGANISATIONS UPDATE

**RECOMMENDATION** That Council:

- (a) Not seek membership of Riverina and Murray Joint Organisation at this time, noting that Councillor Pat Bourke, Mayor Federation Council, sits on the Board of Riverina and Murray Joint Organisation.
  - (b) Review this decision following the local government elections in September 2020.
- 

In 2017 the NSW Government introduced legislation to create Joint Organisations (JOs) which are intended to be a key NSW Government commitment to build stronger councils and improve service delivery and infrastructure across rural and regional communities. The Local Government Amendment (Regional Joint Organisations) Act 2017 commenced on 15 December 2017 allowing councils to voluntarily join new JOs in their planning region. JOs will provide a forum for local councils and State agencies to collaborate, plan, set priorities and deliver important projects in regional NSW.

The Riverina-Murray Region comprises two JOs, namely the "Riverina JO", which includes most of the existing REROC member councils and the "Riverina and Murray Joint Organisation" (RAMJO) which includes most of the previous RAMROC member councils.

Council at its meeting on the 17 October 2018 resolved as follows:

1. Council receive a further report on the proposed membership of Joint Organisations at the December meeting
2. Council write to both Riverina JO and RAMJO advising that Council is notes its obligations under the Local Government Act to take into account any strategic regional priorities and other plans, programs, strategies and policies of a joint organisation that apply to any relevant part of the county council's area of operations or that are relevant to the county council's operational functions.
3. Council accept the invitation to become a non-voting member of Riverina JO at an annual cost of \$5,000 (to be reviewed in 16 months' time), and
4. Council discuss the matter of RWCC seeking associate membership of RAMJO at the December 2018 meeting.
5. Correspondence has been sent to RAMJO in the above terms and Council is now a non-voting member of Riverina JO and the Chair and general manager have been attending meetings.
6. It is relevant for the Board to note the following matters in relation to the membership of the new JO's:
  - Wagga Wagga City Council (WWCC) is an associate member of the Canberra Region Joint Organisation (CRJO)
  - Federation Council is a member of RAMJO
  - Greater Hume and Lockhart Councils are members of Riverina JO

It is not proposed that Riverina Water consider membership of CRJO at this point in time, notwithstanding that WWCC is the largest constituent Council of the four constituent Councils. Similarly, this report does not propose at this point that Council become a non-voting member of RAMJO.

Some key points for County Councils in relation to JO's are:

Board membership (s400T of the Local Government Act)

- ✓ The board of the JO can invite "any other person" to be a non-voting member of the JO (this would include a representative from a County Council)
- ✓ The Regulation can also prescribe classes of person to be a non-voting member of the JO

Impacts of JOs on County Councils (s394A of Local Government Act)

A further important amendment to the Local Government Act was made to require that County Council's must, when exercising their functions, take into account any strategic regional priorities and other plans of the JO that apply to any relevant part of the County Council's area of operations or that are relevant to the County Council's operational functions.

RAMJO has recently completed its "Statement of Strategic Regional Priorities" which can be viewed via the following link:

<https://www.ramjo.nsw.gov.au/wp-content/uploads/FINAL-RAMJO-STATEMENT-OF-STRATEGIC-REGIONAL-PRIORITIES-17.12.2018-min.pdf>

An initial review of that document identifies that Riverina Water should be aware of the activities that RAMJO undertake in the strategic area of "Improve Water Security". In saying that, there are four communities with Federation Council serviced by Riverina Water namely, Urana, Morundah, Oaklands and Boree Creek.

Also given that Cr Bourke is Mayor of Federation Council and sits on the Board of RAMJO, it is considered that the water interests of those communities, as they pertain to the activities of RAMJO, can be adequately represented by Cr Bourke, and to a lesser extent by the general manager of Federation Council.

## 7. SOCIAL MEDIA AND REPORT

**RECOMMENDATION** That the Council receive and note the report.

---

### Social media report for 19 September – 19 December 2018 (13 weeks)

Facebook – launched 19 September 2018

- Number of posts – 63 (4.84 posts per week)
- Total page likes – 643
- New page likes - +643
- Videos – 6 (2920 views)
- Total reach for all posts (this is number of people who saw each post once) – 18,301
- Average reach per post – 290.49
- Total post engagements (post clicks, reactions, shares and comments) – 4021
- Top organic post (see below). Resulted in 2464 reach (organic), 388 post clicks (any click excluding comments, likes and shares) and 50 engagements (reactions, comments and shares). Date: 10 November 2018

The image shows a screenshot of a Facebook post from the page 'Riverina Water is in Forest Hill, New South Wales, Australia'. The post is titled 'FOREST HILL PLANNED WATER OUTAGE - Friday 12 October from 9.30am to 12pm' and describes a water outage affecting 30 properties. The post has 2,464 people reached and 438 engagements. To the right, a 'Performance for Your Post' section provides a breakdown of these metrics: 50 total likes, comments, and shares (9 likes, 32 comments, 9 shares), 388 total post clicks (0 photo views, 0 link clicks, 388 other clicks), and 0 negative feedback (0 hidden posts, 0 reports as spam, 0 unlikes).

Performance for Your Post		
<b>2,464</b> People Reached		
<b>50</b> Likes, Comments & Shares		
9 Likes	3 On Post	6 On Shares
32 Comments	16 On Post	16 On Shares
9 Shares	9 On Post	0 On Shares
<b>388</b> Post Clicks		
0 Photo Views	0 Link Clicks	388 Other Clicks
<b>NEGATIVE FEEDBACK</b>		
0 Hide Post	0 Hide All Posts	
0 Report as Spam	0 Unlike Page	

- Lowest organic post (see below). Resulted in 15 reach, 2 post clicks (any click excluding comments, likes and shares) and 6 engagements (reactions, comments and shares). Date: 9 September 2018

**Performance for Your Post**

<b>15</b> People Reached		
<b>7</b> Reactions, Comments & Shares		
5 Like	5 On Post	0 On Shares
1 Love	1 On Post	0 On Shares
0 Comments	0 On Post	0 On Shares
1 Shares	1 On Post	0 On Shares
<b>2</b> Post Clicks		
0 Photo Views	0 Link Clicks	2 Other Clicks
<b>NEGATIVE FEEDBACK</b>		
0 Hide Post	0 Hide All Posts	
0 Report as Spam	0 Unlike Page	
Reported stats may be delayed from what appears on posts		

### Advertising

- Number of ads – 8 (one ad is currently live and not included as part of the below reporting)
- Total paid post reach – 42,462
- Average reach per post – 6066
- Top paid (see below). Resulted in 12,330 reach and 219 page likes. Ran from 19 September to 19 October.

### Other engagement

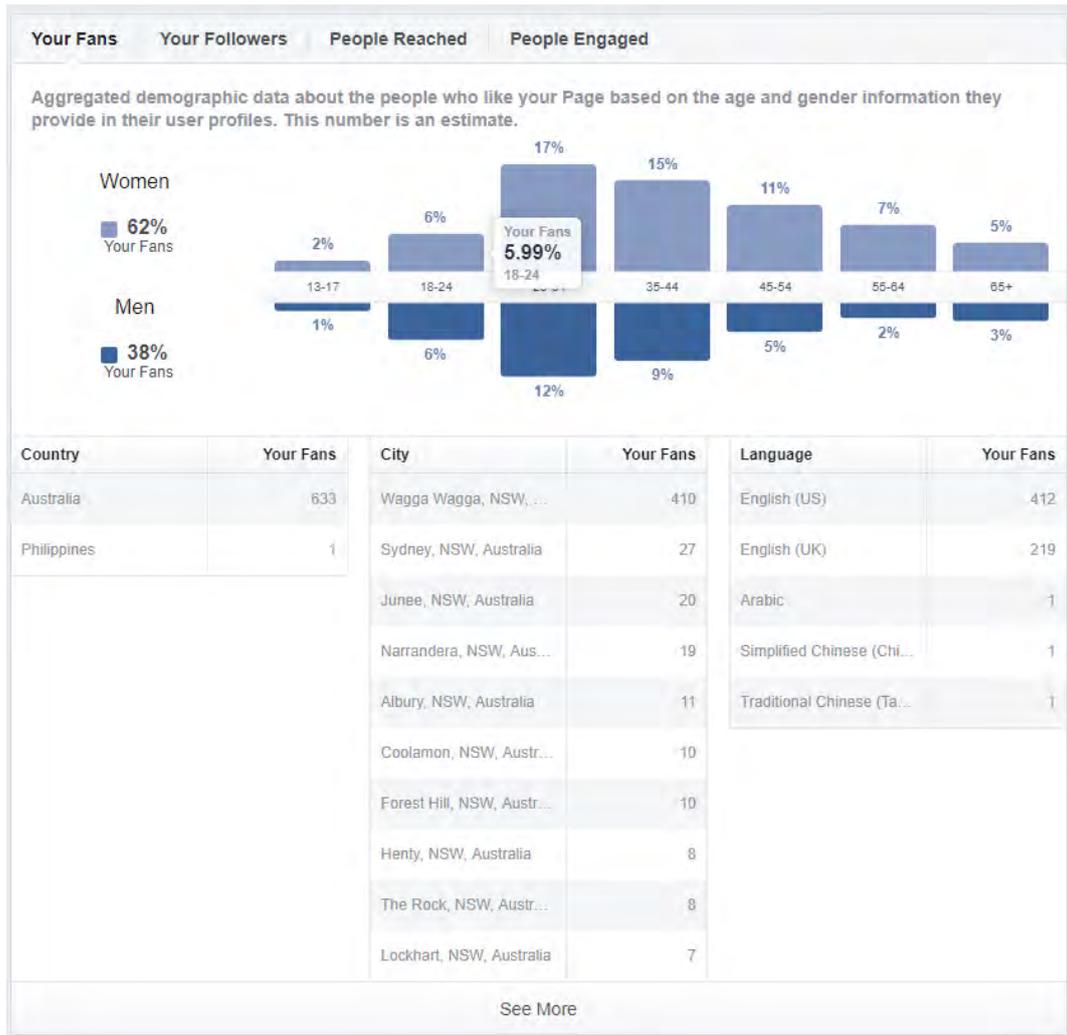
- Private messages – 9

**Riverina Water**  
Sponsored

Providing quality drinking water for Riverina communities.

Riverina Water  
Water Utility Company  
623 people like this

## Audience snapshot



## Comparison page audiences

- Sydney Water – 28.8k
- Water Corporation – 14.8k
- Seqwater – 10.4k
- Melbourne Water – 9.1k
- City of Wagga Wagga – 7.7k
- Visit Wagga Wagga – 6.3k
- SA Water – 5k
- Gippsland Water – 2.3k
- Fusion Wagga – 2k
- TasWater – 2k
- Riverina Local Land Services – 1.9k
- North East Water – 1.6k
- Federation Council – 1.5k
- Lockhart Shire Community – 1.4k
- Visit Lockhart Shire – 1.3k
- Greater Hume Council - 986
- Hunter Water – 948
- Goldenfields Water – 875

- **Riverina Water – 643**
- East Gippsland Water - 621
- Central Tablelands Water – 298

Twitter – launched 19 September 2018

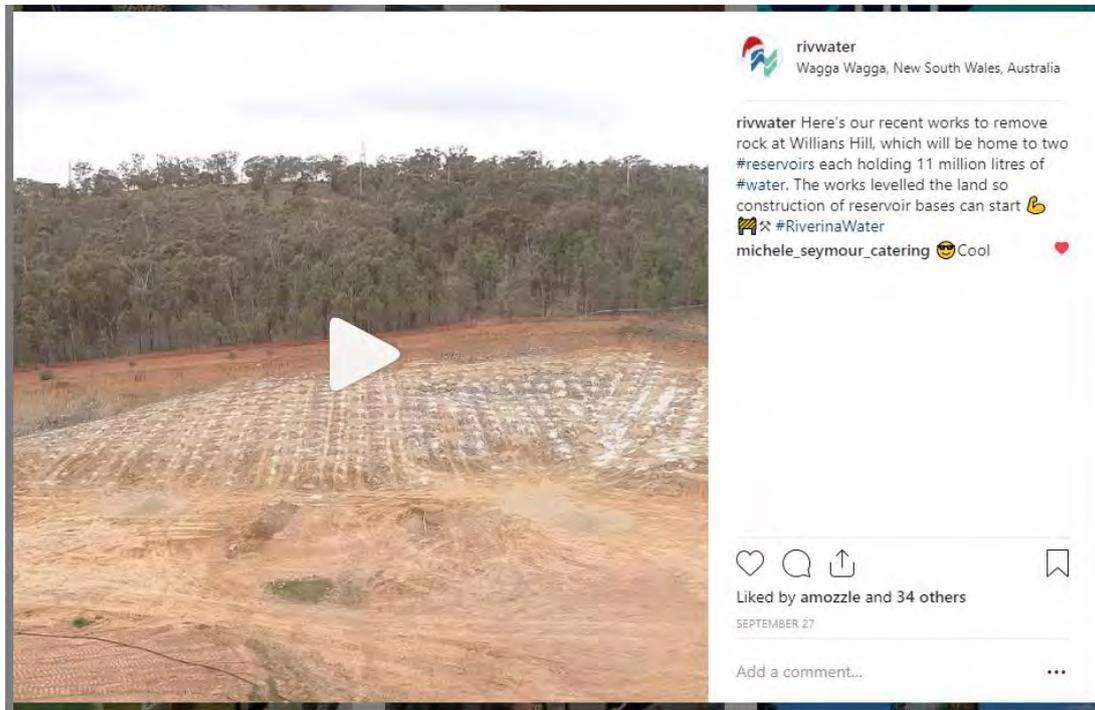
- Number of tweets – 72 (5.54 per week)
- Total followers – 71
- New followers - +71
- Average engagement rate (this the rate of people interacting with Tweets) – 0.8 per cent
- Total Tweet impressions (this is number of people who saw each Tweet once) – 21.8k
- Average impressions per Tweet – 302.78
- #RiverinaWater use - 0
- Top tweet (see below). Resulted in 1708 impressions, 4 likes and 2 shares. Date: 21 October 2018.

The image shows a screenshot of a tweet from Riverina Water (@RiverinaWater) and its performance statistics. The tweet text is: "How you use #water today can impact the future of our #community http://bit.ly/savingwatertips #NationalWaterWeek pic.twitter.com/MVRWqyMi3c". Below the tweet is a promotional banner for "Reach a bigger audience" with a "Get started" button. To the right is a table of statistics.

Impressions	1,708
Total engagements	15
Likes	4
Media engagements	3
Detail expands	3
Retweets	2
Profile clicks	2
Link clicks	1

Instagram – existing channel

- Number of posts – 20 (1.5 posts per week)
- Total followers - 314
- New followers - +84
- Total likes – 410
- #RiverinaWater use – 4
- Top posts – See below. Resulted in 35 likes and one comment. Date: 27 September 2018



LinkedIn – existing channel

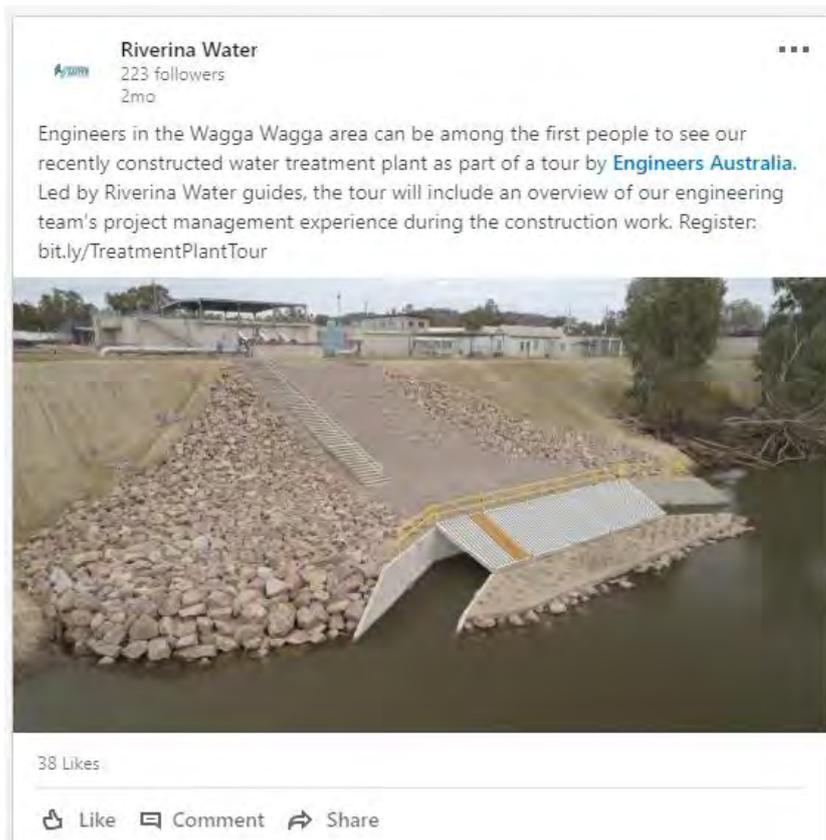
- Number of posts – 19
- Total followers – 223
- New followers – +55
- Total post impressions (this is number of people who saw each post once) – 10,950
- Average impressions per post – 576
- Top post – See below. Resulted in 1925 impressions, 85 clicks, 38 likes and one comment. Date: 18.6.

YouTube – launched 29 October 2018

- Number of videos – 4
- Total followers – 0
- Total views – 30

Bitly – launched 19 September 2018

- Number of links – 17
- Total clicks - 211
- Average clicks – 12.41
- Top link – Water saving taps (44 clicks)



## Other digital media

### Website - 19 September – 19 December (13 weeks)

- Unique page views – 8800
- Most viewed pages -
  - Average water use – 13,980 views
  - Homepage – 8675
  - Contact us – 1744
- Session duration - 1.24
- Top devices
  - Desktop – 69.4 per cent
  - Mobile – 23.3 per cent
  - Tablet – 7.3 per cent

### Google 29 March – 29 June

- Number of Google searches – approx 7545

## Media report for 19 September – 19 December (13 weeks)

### Content:

- Number of releases - 1
- Number of media statements - 1
- Number of media alerts – 2
- Number of media enquiries - 5

### Coverage:

- Total number of media mentions – 9
- Media mentions from media releases - 3
- Media mentions from media enquiries - 4
- Passive media mentions (not a result of a media release or response to a media enquiry) - 2

### Media release coverage –

Date	Media release	Coverage
17 October 2018	Riverina Water Chair and Deputy re-elected	<ul style="list-style-type: none"> <li>• No coverage</li> </ul>
5 December 2018	New Shires Reservoir opening	<ul style="list-style-type: none"> <li>• n/a</li> </ul>
11 December 2018	New Shires Reservoir opening tomorrow	<ul style="list-style-type: none"> <li>• n/a</li> </ul>
22 December 2018	New Shires Reservoir opening secures water supply for rural customers	<ul style="list-style-type: none"> <li>• Daily Advertiser (print and online)               <ul style="list-style-type: none"> <li>• WIN News Riverina (TV)</li> <li>• Nine News Riverina (TV)</li> </ul> </li> </ul>

### Media enquiry coverage –

Date	Outlet	Coverage
9 October 2018	Nine Riverina	<ul style="list-style-type: none"> <li>• Coverage of Willans Hill blast (TV)</li> </ul>
23 October 2018	Daily Advertiser	<ul style="list-style-type: none"> <li>• Willans Hill works (print and online)</li> </ul>
31 October 2018	Daily Advertiser	<ul style="list-style-type: none"> <li>• Geosmin (print and online)</li> </ul>
20 November 2018	Daily Advertiser	<ul style="list-style-type: none"> <li>• Nepal clean water project (print and online)</li> </ul>

### Passive coverage –

Date	Outlet	Coverage
14 September 2018	The Rural	<ul style="list-style-type: none"> <li>• Lockhart Water Tower Mural (online)</li> </ul>
28 October 2018	Daily Advertiser	<ul style="list-style-type: none"> <li>• Shooting range (online)</li> </ul>

## 8. PROPOSED DROUGHT RELIEF ASSISTANCE

**RECOMMENDATION** That Council immediately introduce an initial drought relief package as follows:

- (a) Residents of the Riverina Water County Council area whose residence is not able to be connected to a reticulated water supply will be eligible to access Council operated standpipes throughout the Council area.
- (b) Eligible residents will be issued with an appropriate electronic key at a reduced cost of \$100 (current cost is \$295), fully refundable when the resident no longer requires access to Council standpipes, or, by 31 December 2019 whichever is the sooner on return of the key.
- (c) All water purchased by eligible residents under this arrangement, including residents who already hold an electronic key, will be charged at the current minimum price of \$1.46kl.
- (d) Contractors delivering potable water to residents of Riverina Water County Council area will be charged \$1.46kl for water (as opposed to the current price of \$3.24kl), subject to confirmation being supplied by the contractor that the water was delivered for domestic use.
- (e) This initial relief package will conclude 31 December 2019 at which time Council will consider further drought assistance should conditions remain unchanged or worsen.

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Council resolved at its August meeting that a report be prepared on possible methods of drought assistance that could be considered by Riverina Water. An initial report was presented to the October meeting of the Board.

As board members are aware, residents within the supply of Riverina Water are becoming increasingly impacted by the worsening drought conditions. One area of particular concern to many rural residents is access to potable water for domestic use.

Council has been (for some time now) been providing additional support to its customers who are currently experiencing financial strain. Customers who approach Council are offered extended payment terms as well as a suspension of the application of any interest to the outstanding account.

Currently, there are less than five customers who have entered into such arrangements.

Council's standpipes are currently controlled via an automatic filling system accessed with an electronic key similar to an EFTPOS card. The current cost for the electronic card is \$295 with all water purchased being \$3.24kl.

This report proposes further concessions to assist residents of the Council area as follows:

- (a) Residents of Riverina Water County Council whose residence is not able to be connected to a reticulated water supply will be eligible to access Council operated standpipes throughout the Council area.

- (b) Eligible residents will be issued with an appropriate electronic key at a reduced cost of \$100 (current cost is \$295), fully refundable when the resident no longer requires access to Council standpipes, OR, by 31 December 2019 whichever is the sooner on return of the key.
- (c) All water purchased by eligible residents under this arrangement, including residents who already hold an electronic key, will be charged at the current minimum price of \$1.46kl.
- (d) Contractors delivering potable water to residents of Riverina Water County Council area will be charged \$1.46kl for water (as opposed to the current price of \$3.24kl), subject to confirmation being supplied by the contractor that the water was delivered for domestic use.
- (e) This initial relief package will conclude 31 December 2019 at which time Council will consider further drought assistance should conditions remain unchanged or worsen.

Previously board members have advised that they have received feedback from residents who are concerned at the amount of time it takes to fill tanks on vehicles at Council standpipes and that the issue is the lack of water pressure at the standpipe.

When the various rural standpipes were installed, consideration was given to the proximity of water infrastructure enabling connection, and a location that provided the most convenient and accessible location for rural landowners, contractors and water carters. Increasing the water pressure at these locations is not a suitable strategy in these locations as it would require significant infrastructure upgrades to the local water system. In addition, it would place surrounding pipe infrastructure under greater pressure resulting in additional leakage from the system and more frequent breakages.

If Council were of a mind to improve the levels of service in this area, additional standpipes could be installed at strategic locations to reduce the travel time to access standpipe water.

Our current priority list for future water filling locations is:

1. Mangoplah
2. Downside or Millwood Road
3. Tarcutta
4. Collingullie
5. Humula

This list is not exhaustive and can be amended and/or added to as part of the budget process.

In addition to the above, Council is due to review its 2012 Drought Management Plan in 2019/20 which will be informed by the 2016 Drought Management Planning Guidelines issued by the NSW Water Directorate.

## 9. PROPOSED NEW BOARD ROOM

**RECOMMENDED** that Council:

- a) Increase the original budget by \$40,000 for the Council room construction & fit out
- b) Increase budget by \$21,500 for the provision of IT equipment consistent with the requirements of a Council room & staff training room
- c) Increase budget by \$16,000 for the provision of furniture & fittings consistent with the requirements of a Council room & staff training room

As per Council resolution 18/182 the below report provides further recommendations and budget modifications for the completion of the new Council boardroom.

Breakdown of the costs for the total proposed project are as follows:

<b>Council room construction &amp; Fit out</b>	
Construction Costs (i.e. walls, doors, windows, ceiling etc.)	\$95,241
Floor Finishes	\$21,547
Air Conditioning	\$23,840
Fire Protection	\$2,980
Electrical (including lighting)	\$21,665
Fitments (kitchenette, storage room, shelving units, media credenza)	\$22,380
<b>Total Building Fit out:</b>	<b>\$187,643</b>
<b>Equipment</b>	
IT Equipment (compatible for training and meeting purposes)	\$21,500
Furniture & Fittings	\$16,000
<b>Total Equipment:</b>	<b>\$37,500</b>
<b>Total Budget Estimate (incl. 10% contingency):</b>	<b>\$247,658</b>

As requested adjustments were made to the original scope of the project to remove finishes such as feature carpet inlay (\$8,640), feature wall components (\$13,780), replacement of furniture and fittings with existing Council items (\$24,700), and maximisation of internal resources to complete additional components of the works (\$85,487).

The kitchenette, IT equipment and storage room have been scoped to be adequate to meet the needs of ongoing Council operations. In addition to this room being used for bi-monthly Council meetings the room will more regularly be used for staff training and meeting purposes.

Council staff are outgrowing the current administration building office space and as more office space is required for staff, costs for a new meeting/training space would be incurred otherwise.

The existing Council room will be used to facilitate the redevelopment of the building for new and existing staff.

To provide further options of budget reduction, the removal of the feature ceiling would see a further budget reduction of \$28,980 and the use of direct stick carpet tiles would see a reduction of \$3,000. Staff deem it important to keep the room contemporary and functional with particular finishes and equipment to ensure longevity of the costs of the project.

## 10.ADOPTION OF ENVIRONMENTAL POLICY 5.0

**RECOMMENDATION** That Council:

- (a) notes that there no submissions received during the exhibition period for Policy 5.0 Environmental Policy
  - (b) adopts Policy 5.0 Environmental Policy
- 

Council at its meeting on the 12 December 2018, resolved:

- (a) Endorse draft Policy 5.0 Environmental Policy that is to be placed on public exhibition from 5 January to 15 February 2019 and invite public submissions on the draft policy during that period.
  - (b) Receive a further report following the public exhibition and submission period:
    - (i) Addressing any submissions made in respect of the proposed Policy 5.0 Environmental Policy
    - (ii) Proposing adoption of the Policy unless there are any recommended amendments deemed to be substantial and requiring a further public exhibition period.
- 

The policy was placed on exhibition form the 5 January 2019 to the 15 February 2019 with no submissions received. Accordingly, it is recommended that this policy be adopted as exhibited.

As part of the Wagga Water Treatment Plant project, Riverina Water is required to produce an Operation Environmental Management Plan (OEMP). The NSW Department of Infrastructure, Planning and Natural Resources “Guidelines for Preparation of Environmental Management Plans – 2004” outlines the requirement for an Environmental Policy to provide a statement of an organisation of its intentions and principles for environmental performance.

Council staff researched a number of environmental policies for other NSW councils in the drafting of the attached policy.

The objective of the attached draft Environmental Policy is to effectively integrate the principles of ecological sustainability into all council and community functions so as to achieve a clean, healthy and ecologically sustainable environment and document Council’s vision in relation to the environment.

The draft policy is also referenced in the draft OEMP for the Wagga WTP.

- [\*Policy 5.0 Environmental Policy\*](#)

**ENVIRONMENTAL POLICY**

<b>POLICY REFERENCE NUMBER:</b>		<b>POL 5.0</b>	
<b>Original publication date</b>		<b>21 September 2018</b>	
<b>Revision number</b>	<b>Issue Date</b>	<b>Approved</b>	<b>Approval date</b>
0	21 Sept 2018	Res: --/---	
<p>This document is to be reviewed two years. Next review date: September <b>2020</b></p>			
<b>RESPONSIBLE OFFICER</b>	General Manager		

## 1. POLICY OBJECTIVES

To effectively integrate the principles of ecological sustainability into all council and community functions so as to achieve a clean, healthy and ecologically sustainable environment.

## 2. DEFINITIONS

‘ecological sustainability’ means the following statements of principle (as per the definition of ecologically sustainable development (ESD) in the Local Government Act 1993):

Ecological sustainability requires the effective integration of economic and environmental considerations in decision-making processes. Ecological sustainability can be achieved through the implementation of the following principles and programs:

- (a) the precautionary principle - namely, that if there are threats of serious or irreversible environmental damage, lack of full scientific certainty should not be used as a reason for postponing measures to prevent environmental degradation. In the application of the precautionary principle, public and private decisions should be guided by:
  - (i) careful evaluation to avoid, wherever practicable, serious or irreversible damage to the environment, and
  - (ii) an assessment of the risk-weighted consequences of various options,
- (b) inter-generational equity - namely, that the present generation should ensure that the health, diversity and productivity of the environment is maintained or enhanced for the benefit of future generations,
- (c) conservation of biological diversity and ecological integrity - namely, that conservation of biological diversity and ecological integrity should be a fundamental consideration,
- (d) improved valuation, pricing and incentive mechanisms - namely, that environmental factors should be included in the valuation of assets and services, such as:
  - (i) polluter pays - that is, those who generate pollution and waste should bear the cost of containment, avoidance or abatement,
  - (ii) the users of goods and services should pay prices based on the full life cycle of costs of providing goods and services, including the use of natural resources and assets and the ultimate disposal of any waste,
  - (iii) environmental goals, having been established, should be pursued in the most cost effective way, by establishing incentive structures including market mechanisms, that enable those best placed to maximise benefits or minimise costs to develop their own solutions and responses to environmental problems.

‘environment’ means (as adapted from the Environmental Planning and Assessment Act 1979):

## 3. RELATED DOCUMENTS

This policy is supported and linked with the following documents;

RWCC Management Plan  
RWCC Strategic Business Plan & Resource Strategy Rev 3  
RWCC Asset Management Plan  
Four (4) Year Capital Works Program  
Assets Register  
Integrated Water Cycle Management (IWCM)

## **4. APPLICABLE LEGISLATION**

Local Government Act 1993 and subsequent Regulations under the Act.  
NSW Water Management Act 2000  
Water Act 1912  
Integrated Planning and Reporting Framework

## **5. OUR VISION**

Riverina Water's service area should be a place where the natural environment is valued, respected, and carefully managed for public benefit and future generations and where sound urban planning ensures outstanding local amenity and ecological and economic sustainability.

### **Operational Response to our Vision**

Through the RWCC Management Plan we will set objectives, targets, and measures that will reflect the Councils commitment to:

1. Complying with all the relevant Commonwealth and State environment legislation, regulations, standards, policies and initiatives.
2. Minimising the adverse environmental impacts of development through the integration of the principles of ESD.
3. Develop an Operational Environmental Management Plan for the Wagga Treatment Plant, to identify, minimise and monitor environmental impacts of Council operations and provision of services.
4. Preventing and minimising adverse environmental impacts from incidents or accidents that release pollution into the environment.
5. Remediating adverse environmental impacts associated with past and future pollution incidents.
6. Protecting and conserving natural resources, biodiversity and Aboriginal and non-Aboriginal cultural heritage.
7. Reducing waste and increasing resource recovery in accordance with the Resource NSW Waste Avoidance and Resource Recovery hierarchy.
8. Reducing adverse environmental impacts of the RWCC's fleet and exploring cleaner, greener technologies.
9. Reducing consumption of natural resources in Council operations and services and facilitate the purchase of environmentally friendly products.
10. Requiring suppliers and independent contractors to demonstrate commitment to best practice environmental management performance consistent with the principles of ESD.
11. Communicating the Environment Policy to Council staff, contractors and Councillors and providing training to ensure they are fully informed of their obligations and empowered in their decision making and actions.
12. Implementing a process of review and improvement of operational performance

## 11.ADOPTION OF WATER RESTRICTIONS POLICY 2.6

**RECOMMENDATION** That Council:

- (a) notes the two (2) submissions received during the exhibition period for Policy 2.6 Water Restrictions
  - (b) adopt Policy 2.6 Water restrictions without further amendment.
- 

Council at its meeting on the 12 December 2018, resolved to:

- (a) Endorse draft Policy 2.6 Water Restrictions and place it on public exhibition from 5 January to 15 February 2019, inviting public submissions on the draft policy during that period.
  - (b) Receive a further report following the public exhibition and submission period:
    - (iii) Addressing any submissions made in respect of the proposed Policy 2.6 Water Restrictions
    - (iv) Proposing adoption of the Policy unless there are any recommended amendments deemed to be substantial and requiring a further public exhibition period.
- 

Policy 2.6 Water Restrictions was placed on exhibition from 5 January 2019 to 15 February 2019 with two submissions received (attached). The two submissions are summarised below. Both were supportive of the policy and offered additional commentary as detailed;

- Email from Ben Elliot, encouraging proactive communication and education of the community on the need to conserve water. Feels a need to impose Level 1 or 2 restrictions permanently to change peoples behaviour and perspective on water conservation.
- Email from Paul & Carly Hood, espousing tougher restrictions than those proposed, and the enforcement of restrictions with fines being issued for breaches.

Addressing the submissions:

Riverina Water's current practice is to promote the permanent restrictions through the quarterly bills, community advertising, social media and advertising in local papers. If demand for water increases beyond Council's supply capacity, a more targeted approach is used, such as localised letter drops and media releases.

These communication methods have worked well in the past, and with the appointment of the Community Engagement Officer, further work will be undertaken to educate the community regarding water conservation.

Whilst it could be argued that water restrictions and any subsequent enforcement could be tougher, to ram home the water conservation message. This is a blunt tool to change consumer behaviour. A more acceptable method would be through further communication and educating the general public about water conservation.

Given that water restrictions have only been introduced once (to communities serviced by the southern trunk main), in the last five years, there is considerable scope within the five levels of water restrictions in the policy to curb water demand in future should the need arise.

Accordingly, it is recommended that this policy be adopted as exhibited, and a response be sent to the people making submissions explaining Council's action.

- *Policy 2.6 Water Restrictions*
- *Public submissions following the exhibition period.*

## Policy 2.6 WATER RESTRICTIONS

Name changed from 5.14 22/11/13

### Objective

1. To protect the ongoing security of the conserve water supply during periods of drought or any other crisis involving the interruption or supply constraint of Council's water supply.
2. To provide guidelines for the management and implementation of water restriction levels.
3. To raise community awareness of water conservation and water restrictions.

### Policy statements

1. The General Manager and Director Engineering in consultation with the Chairman isare delegated authority to implement and revoke water restrictions.
2. The General Manager and Director Engineering areis delegated authority to issue exemptions from water restrictions.
3. Applications for exemptions must be applied for in writing.
4. All levels of restrictions will be subject to ~~the~~ appropriate trigger points, detailed below.
5. If deemed necessary, a non-compliance letter will be issued in the first instance followed by a final warning letter for a second non-compliance. If a consumer fails to abide by the first two written requests, restriction devices or fines for non-compliance of restrictions will be considered, implemented and enforced.
6. The operation of restrictions and water consumption will be closely monitored and this policy reviewed as necessary.

### Water restriction stages:

#### Stage 1 – Permanent water conservation measures.

##### Trigger point

Commencement of daylight saving time in NSW regardless of current weather conditions. Restriction to remain in force for a minimum of the daylight savings period, or extended further into April/May if water consumption remains high (>6070 ML/day).

#### **DOMESTIC**

Garden watering-The use of fixed hoses, sprays and fixed sprinkler systems between the hours of 10am-5pm each day is prohibited.

The use of hand held hoses is allowed.

Swimming pools (Private). No restrictions.

Hosing paved areas. No restrictions.

Washing of motor vehicles. No restrictions

#### **PUBLIC/COMMERCIAL**

Public gardens, Sports grounds, Nurseries, Bowling greens. The use of fixed hoses, sprays and fixed sprinkler systems between the hours of 10am-5pm each day is prohibited.

The use of hand held hoses is allowed.

Washing of motor vehicles. No restrictions.

Water cartage. No restrictions (Metered standpipes only).

Automatic flush toilets. No restrictions.

Hosing paved areas. No restrictions

#### **INDUSTRIAL**

No restrictions.

##### Trigger point

~~Commencement of daylight saving time in NSW regardless of current weather conditions. Restriction to remain in force for a minimum of the daylight savings period, or extended further into April/May if water consumption remains high (>60ML/day).~~

## Actions

Public awareness campaign to commence.

Non-compliance letter to be issued for repeat offenders.

No implementation of non-compliance fines unless active repeat offences following at least 2 non-compliance letters being issued.

## Stage 2 Restrictions

### Triggerpoint

Average daily rolling weekly usage exceeds 90ML per day or weekly consumption above 600ML.

### **DOMESTIC**

Garden watering. The use of fixed hoses, sprays and fixed sprinkler systems permitted between 7pm~~5pm~~ and 7am~~10am~~ the following day allowed on three times per week and once on the weekend. These days to be based on the ability of the system to handle the current situation from advice supplied by Council Engineering staff.

The use of hand held hoses to water gardens allowed at any time.

Swimming pools (Private). No initial fill, topping up only~~restrictions.~~

Hosing paved areas. No washing down of any hard surfaces unless it is required as a result of an accident, fire, health hazard or other emergency.

Washing of motor vehicles. Washing of cars with hoses allowed if not on hard surface.

### **PUBLIC/COMMERCIAL**

Public gardens, Sports grounds, Nurseries, Bowling greens. The use of fixed hoses, sprays and fixed sprinkler systems between 75pm and 710am the following day allowed on three times per week and once on the weekend. These days to be based on the ability of the system to handle the current situation from advice supplied by Council Engineering staff.

The use of hand held hoses to water gardens allowed at any time.

Washing of motor vehicles. No restrictions.

Water cartage. No restrictions (Metered standpipes only).

Automatic flush toilets. No restrictions.

Hosing paved areas. No washing down of any hard surfaces unless it is required as a result of an accident, fire, health hazard or other emergency.

### **INDUSTRIAL**

No restrictions.

### Triggerpoint

Average daily rolling weekly usage exceeds 85ML per day or weekly consumption above 560ML.

## Actions

Increased public awareness campaign.

Implementation of non-compliance for all consumers will commence. FinesCharge based on Council's current fees and charges.

## Stage 3 Restrictions

### Triggerpoint

Current daily consumption continues to exceed ~~90~~85ML m<sup>3</sup> per day or ~~600~~560ML m<sup>3</sup> per week, and/or Council's allocation of water is reduced by up to ~~20~~45%.

### **DOMESTIC**

Garden watering. The use of fixed hoses, sprays allowed between 75pm and 710am on an odds and evens system, based on the house/property address one day per week and once on the weekend. Fixed sprinkler systems (automatic mode 10pm to 2am) and (manual mode 5pm to 10pm) one day per week and once on the weekend. These days to be based on the ability of the system to handle the current situation from advice supplied by Council Engineering staff.

The use of hand held hoses allowed only between the hours of 75pm and 710am daily.

Swimming pools (Private). Topping up only

Hosing paved areas. No washing down of hard surfaces unless it is required as a result of an accident, fire, health hazard or other emergency.

Washing of motor vehicles. The washing of cars is prohibited unless at a commercial car wash.

## **PUBLIC/COMMERCIAL**

Public gardens, Sports grounds, Nurseries, Bowling greens. The use of fixed hoses, sprays allowed between 7.5pm and 7.40am on an odds and evens system based on the house/property address, one day per week and once on the weekend. ~~Fixed sprinkler systems ( automatic mode 10pm to 2am) and ( manual mode 5pm to 10pm) one day per week and once on the weekend. These days to be based on the ability of the system to handle the current situation from advice supplied by Council Engineering staff.~~

The use of hand held hoses to water gardens allowed at any time.

Washing of motor vehicles. The washing of cars is prohibited unless at a commercial car wash.

Water cartage. From Council's fixed standpipes only

Automatic flush toilets. No restrictions.

Hosing paved areas. No washing down of hard surfaces unless it is required as a result of an accident, fire, health hazard or other emergency.

## **INDUSTRIAL**

No restrictions.

### **Triggerpoint**

~~Current daily consumption continues to exceed 85ml per day or 560ml per week, and Council's allocation of water is reduced by up to 15%.~~

### **Action**

Further increase in public awareness through all forms of media communication.

Non-compliance strictly enforced.

## **Stage 4 Restrictions**

### **Triggerpoint**

Current daily consumption continues to exceed 90ML per day or 600ML per week, and/or Council's allocation of water is reduced by between 2015% and 50%.

## **DOMESTIC**

Garden watering. The use of fixed hoses, sprays and fixed sprinkler systems is prohibited.

The use of hand held hoses allowed only between the hours of 7.5pm and 7.40am daily.

Swimming pools (Private). Topping up only

Hosing paved areas. No washing down of hard surfaces unless it is required as a result of an accident, fire, health hazard or other emergency.

Washing of motor vehicles. The washing of cars is prohibited unless at a commercial car wash.

## **PUBLIC/COMMERCIAL**

Public gardens, Sports grounds, Nurseries, Bowling greens. The use of fixed hoses, sprays and fixed sprinkler systems between 7.5pm and 7.40am on an odds and evens system based on the property address, the following day allowed on three times per week and once on the weekend. These days to be based on the ability of the system to handle the current situation from advice supplied by Council Engineering staff.

The use of hand held hoses to water gardens allowed at any time.

Washing of motor vehicles. The washing of cars is prohibited unless at a commercial car wash.

Water cartage. From Council's fixed standpipes only

Automatic flush toilets. No restrictions.

Hosing paved areas. No washing down of hard surfaces unless it is required as a result of an accident, fire, health hazard or other emergency.

## **INDUSTRIAL**

No external watering of lawns or gardens, restrictions.

### **Triggerpoint**

~~Council's allocation of water is reduced by between 15% and 50%.~~

### **Actions**

Increase of public awareness through all forms of media communication, the calling of public meetings

General engagement with high volume users.

Strict adhering to non-compliance orders.

The use of flow restrictors for repeated non-compliance.

## Stage 5 Restrictions

### Triggerpoint

Council's allocation of water is reduced by more than 50%.

### **DOMESTIC**

Garden watering. The use of fixed hoses, sprays and fixed sprinkler systems is prohibited.

The use of hand held hoses prohibited.

The use of watering cans or buckets allowed only between the hours of 7~~5~~pm and 7~~10~~am daily.

Swimming pools (Private). No topping up permitted at all. .

Hosing paved areas. ~~W~~No washing down of hard surfaces prohibited unless it is required as a result of an accident, fire, health hazard or other emergency.

Washing of motor vehicles. The washing of cars is prohibited unless at a commercial car wash

### **PUBLIC/COMMERCIAL**

Public gardens, Sports grounds, Nurseries, Bowling greens. The use of fixed hoses, sprays and fixed sprinkler systems ~~is prohibited between 5pm and 10am the following day allowed on three times per week and once on the weekend. These days to be based on the ability of the system to handle the current situation from advice supplied by Council Engineering staff.~~

The use of hand held hoses to water essential gardens/plants/grass allowed at any time.

Washing of motor vehicles. washing of cars is prohibited unless at a commercial car wash

Water cartage. From Council's fixed standpipes only

Automatic flush toilets. No restrictions.

Hosing paved areas. ~~W~~No washing down of hard surfaces prohibited unless it is required as a result of an accident, fire, health hazard or other emergency.

### **INDUSTRIAL**

No external watering of lawns or gardens.~~No restrictions.~~

### Triggerpoint

~~Council's allocation of water is reduced by more than 50%.~~

### **Actions**

Increase of public awareness of the situation. Daily updates of water consumption and mitigation measures. Direct engagement of high volume users with usage reduction strategies. ~~through the calling of public meetings~~

Strict adhering to non-compliance orders.

The use of flow restrictors for repeated non-compliance.

**From:** Paul & Carly Hood <shoodandcarly@gmail.com>  
**Sent:** Thursday, 7 February 2019 10:29 AM  
**To:** Riverina Water Communications  
**Subject:** Draft Water Restrictions- Public Exhibition

Thank you for the opportunity to comment on this. I am a Wagga resident and think that restrictions should actually be tougher than what is proposed.

In addition to that I would like to see actual enforcement of the policy and restrictions occurring- for example a person/premises watering or hosing down etc actually getting a fine.

I realise that is not popular but people just don't respect the restrictions at all.

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For more information please visit <http://www.symanteccloud.com>

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To Whom it may concern.

I feel it important to submit my thought's on this mater as I see very little being currently done to protect our Water security.

There looks to be very little respect for Water within the community.

This comes from the lack of information about the importance of preserving this precious resource.

- There Is no water restriction's and no consistent messaging about conserving.
- The community think's we have a never ending supply so they use as they wish.
- Every day I see fixed sprinkler's going in the middle of the day.. Full sun , 40 + degrees people still turn there sprinklers on full bore!
- Council owned parks have sprinkler's going at in the middle of the day.
- Water is way to cheap. This in turn allows people to over use not worrying about the financial implication's.

We need to be pro active on this issue and make it an all year message. Drought or no drought.

No point saying in a month's time. Sorry we are running out of water you need to dramatically change your habits immediately.

Customer's should be educated and made to conserve water all year round.

Wagga is growing rapidly. What's the point of growing and creating new suburbs if the most important piece of infrastructure is not secured?

I worry about what may happen in the future. An extra 20,000 people are living in wagga, increased industry and then we get a few below average rainfall years.

Lets start educating people now. Changing behaviours. Even if we have good supply – still implement level 1 or 2 water restrictions. Change people's way of thinking now.

Make people think before they turn on the tap!

Every election weather it be federal state or local . Domestic Water security is never spoken about.

We don't need more jobs, better roads, better hospitals if we don't have water.

I'm glad to see this policy being at least spoken about. Hopefully it's the first step towards securing Water for the region.

I look forward to your response.

Ben Elliott

Kind Regards,

Ben Elliott | Branch Manager

**NOVER**

**a** 1B Wentworth St, Wagga Wagga, NSW 2650

**p** 02 69 216 499 | **f** 02 69 217 411 | **m** 0421 694 228 | **w** [www.nover.com.au](http://www.nover.com.au)

**e** [b.elliott@nover.com.au](mailto:b.elliott@nover.com.au)

## 12.ADOPTION OF POLICY IP2.5 RURAL SUBTRACT METERS

**RECOMMENDATION** That Council:

- (a) note the one submission received during the exhibition period for Policy IP2.6 Rural Subtract Meters
  - (b) adopt Policy IP2.5 Rural Subtract Meters without further amendment.
- 

Council at its meeting on the 12 December 2018, resolved to:

- (a) Endorse draft Policy IP2.5 Rural Subtract Meters and place it on public exhibition from 5 January to 15 February 2019, inviting public submissions on the draft policy during that period.
  - (b) Receive a further report following the public exhibition and submission period:
    - (v) Addressing any submissions made in respect of the proposed Policy IP2.5 Rural Subtract Meters
    - (vi) Proposing adoption of the Policy unless there are any recommended amendments deemed to be substantial and requiring a further public exhibition period.
- 

Policy IP2.5 Rural Subtract Meters was placed on exhibition from 5 January 2019 to 15 February 2019 with one submission being received from the property “Edenvale”. The submission refers to the specific circumstances relating to the subtract meter arrangement on that property and does not raise any issues positive or negative in relation to the policy itself.

Accordingly, it is recommended that this policy be adopted as exhibited, and a response be sent to the person who made the submission addressing their particular concern.

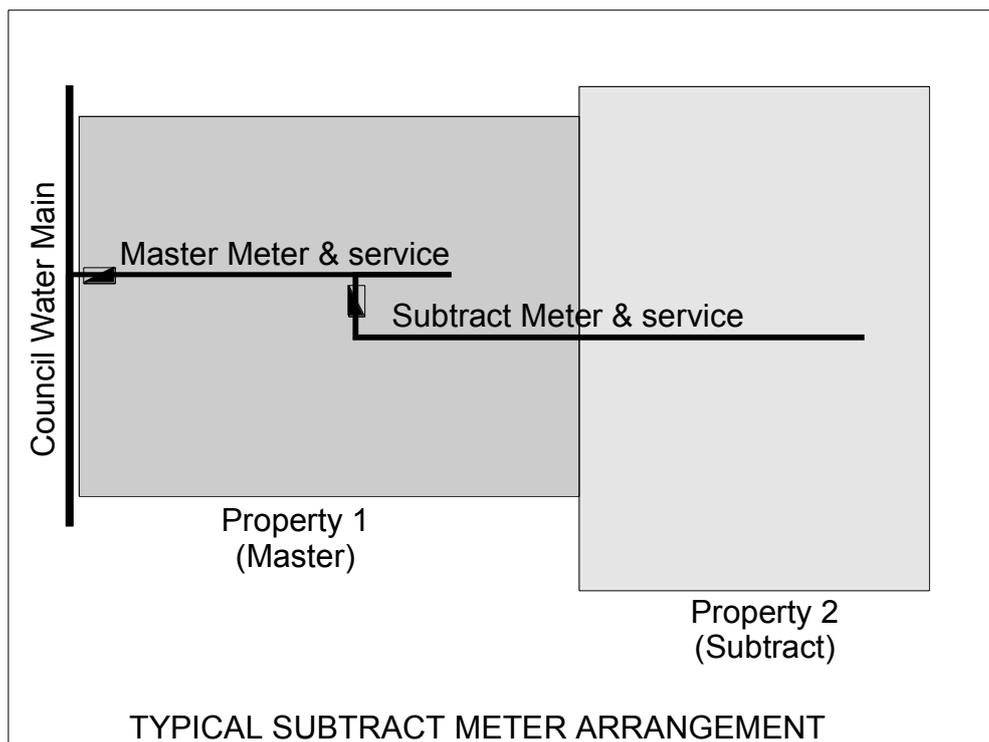
- *Policy IP2.5 Rural Subtract Meters*
- *Public submission following the exhibition period.*

## POLICY REGISTER

<b>INTERNAL POLICY</b>			
<b>RURAL SUBTRACT METERS</b>			
<b>POLICY REFERENCE NUMBER:</b>	<b>IP 2.5</b>		
<b>Original publication date</b>	12 December 2001		
<b>Revision Number</b>	<b>Issue Date</b>	<b>Approved</b>	<b>Approval date</b>
1	Dec 2001	Res: 01/108	12/12/2001
2	Nov 2018		
Name change 22/11/13 from 1.9			
3			
This document is to be reviewed every 4.years. Next review date: <b>2022</b>			
<b>RESPONSIBLE OFFICER: DIRECTOR ENGINEERING</b>			

### Background:

The term “subtract” water meter (or service) refers to a situation where the “subtract” service is connected to another consumer’s plumbing (the “master” service) rather than being directly connected to Council’s water main. The following diagrams shows a typical arrangement.





This Policy applies to historical rural subtract meters only. Council has resolved that no new/additional rural subtract meters are allowed (refer to council resolution 01/108).

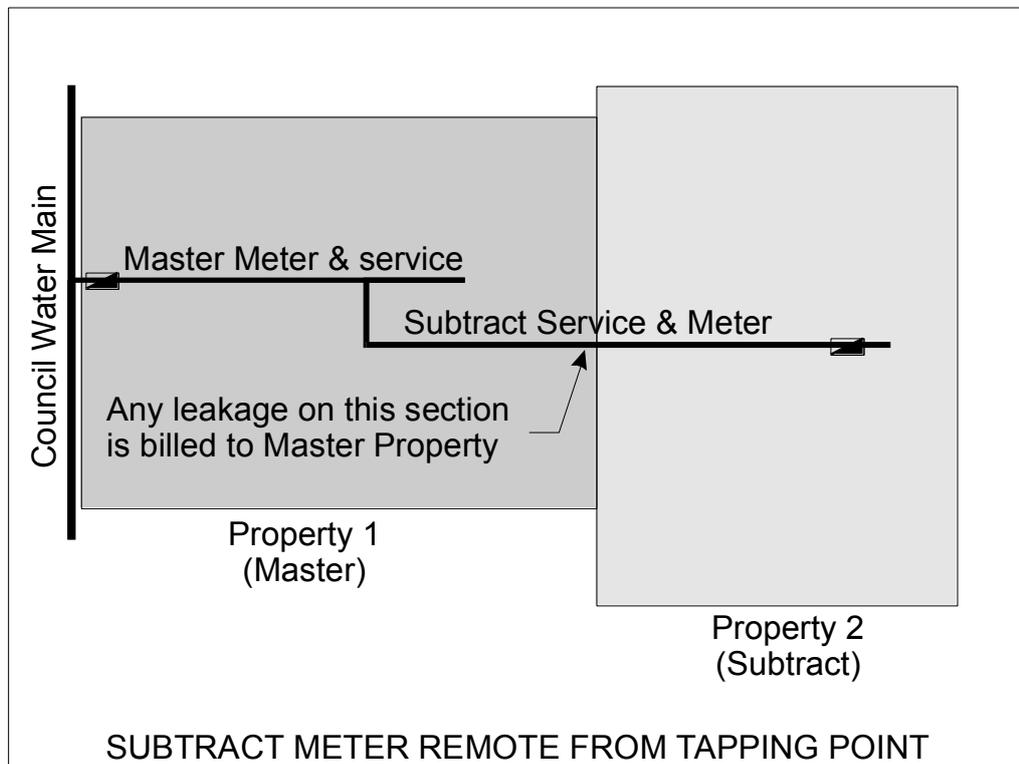
#### **Subtract meter billing arrangements:**

At billing time, Property 1 (in diagram above) is billed the difference between the Master and Subtract meters. Property 2 is billed according to the Subtract meter. These subtract meter installations have occurred as a historical alternate means of connecting to the reticulated water, where the second property is some distance from the water main, or where the connected rural property has been historically subdivided.

In the Riverina Water area, there are a total of 70 subtract services as at October 2018, 58 rural services and 12 “hobby farms”.

#### **PROBLEMS ASSOCIATED WITH SUBTRACT METER ARRANGEMENTS**

- If the Subtract meter measurement slows or fails to record water used by the “subtract” property, the “master” property is billed for the water not recorded by the subtract meter. To some extent this problem is resolved at the billing stage by estimating usage through the subtract meter based on past usage.
- It is often difficult to position a subtract meter in a location which suits the consumers and is also accessible to Council’s meter readers.
- If the owner of the master service needs to turn off their service for maintenance or other purposes, the Subtract service is isolated.
- Any leakage prior to the meter on the Subtract service appears on the water account for the “Master” property. This can cause quite significant problems when the subtract meter is a substantial distance from the tapping point (see following diagram)
- The additional water demand through the small diameter service line, can give rise to low flow/pressure complaints.
- Subtract meter installations were invariably by agreement between neighbours, with no legislative legal right of entry onto each other’s property for maintenance or pipeline use. Such agreements can fail when ownership or relationships change.



## REGULATIONS:

The Local Government (General) Regulation 2005 includes:

“152 Premises to be connected to water supply by an independent house service pipe

- 1 The owner of premises must, unless the council authorises otherwise, ensure that the premises are not connected to a property service pipe linked to the council’s water supply system except by an independent house service pipe.
- 2 The owner of premises connected to the council’s water supply by an independent house service pipe must ensure that the pipe has a stop-valve within the premises that is not more than 450mm from the road alignment or at some other place within the premises approved by the council.
- 3 If several premises are supplied with water by a single house service pipe, the council may require, as a condition of the supply, that a separate house service pipe be laid to each of the premises.
- 4 If the council authorises the connection of 2 or more premises by means of a single house service pipe, the owner of each of the premises must (unless all the premises are occupied by a single household or firm as a residence or place of business) ensure that there is installed on each of those premises:
  - (a) a separate stop-valve that complies with subclause (2), and
  - (b) a separate water meter to measure the water supply to those premises.
- 5 The owner of a group of contiguous premises may request the council to lay a large property service pipe or water sub-main to supply 2 or more of the premises in the group.”

This regulation clearly promotes separate service connections, and the requirements of clause (4) for separate stop-valves and meters cannot be met in most subtract meter situations. It would therefore not be in order for Council to adopt a policy that allows any further subtract meters to be installed.

## SHARED PRIVATE LINES

In addition to the 58 rural substract services, there are twelve (12) shared private lines in rural areas. In these instances, a master meter records the total flow leaving council's main, and each consumer has an individual meter off the shared private line. This situation is far from ideal, as responsibilities for upkeep of the private line, and associated access onto each other's properties can create conflict, however the sharing of any water losses from the shared main is more easily proportioned.

One possible solution is where possible, existing substract meter arrangements could be converted to shared private lines, although this is difficult where the primary consumer has stock troughs or other multiple connections.

The **best option** for servicing a property which cannot practically be served by an adjacent main, is a separate private line within an appropriate easement or road reserve. This has been Council's policy since 2001. Where possible Council should be proactive in trying to reduce the number of substract and shared line arrangements

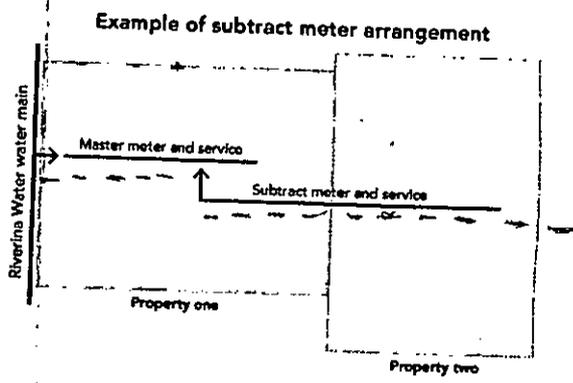
When Council is asked to assist resolve a substract meter issue, the following advice needs to be conveyed to the landowner;

- Notify the landowners that those served off rural substract meters DO NOT have a legislated legal entitlement for their private pipeline and water supply through the intervening property.
- Council is not obliged to assist in providing a dedicated/independent water supply service to the substract metered connections if the landowners have a disagreement.
- Council have a continuing programme to encourage the removal of rural substract meters and can offer the new connection to the Council's main at no charge. Consideration will also be given to a maximum contribution of \$2,000 to an impacted landowner toward the total project cost.

# Have your say: Draft Rural Subtract Meters Policy

*Received  
Tuesday 29th Jan. 2019.  
been away*

A subtract water meter is where a subtract water service is connected to another consumer's plumbing instead of a Riverina Water water main (see diagram on right). Your property has been identified as having a subtract water meter. ?



Installation of subtract water meters were often the result of historic agreements between neighbours. Such agreements can fail with ownership and relationship changes, while people served off subtract metres have no legal entitlement for the private pipeline.

We have developed a draft policy covering the management of historical rural subtract meters to address billing issues, location, management of the service, water demand and flow.

The draft policy proposes an optional subtract water meter removal program for people looking to move off their current agreements. The program includes:

- No charge for a new connection to a Riverina Water water main
- Up to \$2000 towards impacted landholders' total costs

The program is optional for people looking to move off subtract agreements.

## Have your say

The Draft Rural Subtract Meters Policy is available for feedback from Saturday, 5 January until 4pm on Friday, 15 February 2019.

You can view the plan at [rvcc.nsw.gov.au](http://rvcc.nsw.gov.au) or at our Wagga Wagga office at 91 Hammond Avenue, Wagga Wagga during office hours (Monday to Friday between 8.30am and 4pm).

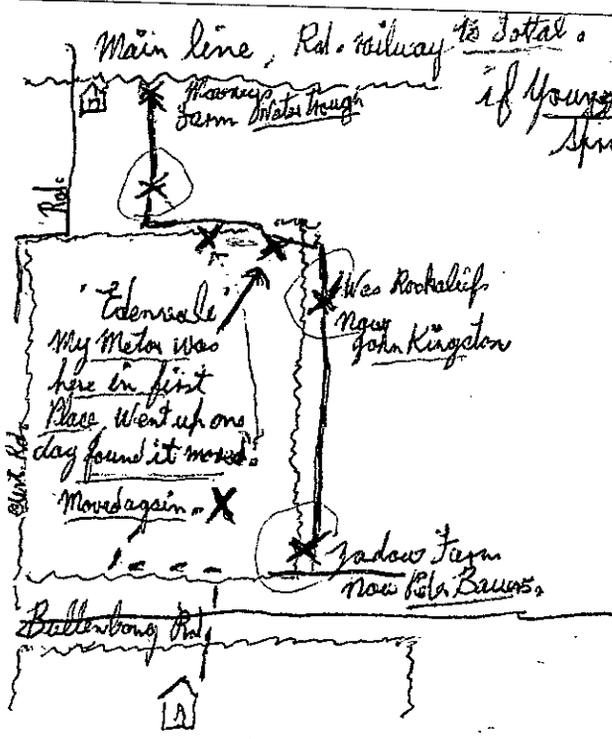
## Submissions

Written submissions can be mailed to Riverina Water, PO Box 456 Wagga Wagga, NSW, 2650

Email submissions can be sent to [communications@rvcc.nsw.gov.au](mailto:communications@rvcc.nsw.gov.au)

## More information

Call us on 6922 0608



if Young Mooney  
spraying crops, leaves Me no Water.  
and he don't let me know.

Crossers are where  
Water Meters are, and no line  
about to put extra Pipes in Paddock.  
Water Trough 

was for sheep

My Meter been moved  
up into Mooney Paddock  
Makes it hard for Me  
to go and look at it.

Wasn't told, going to Move it again.  
How do you know its my Water,  
its not on my land.

We Paid for line - from Main line - in first Place.  
the (H) Family's, it Cost a lot of Money then.  
I don't have \$2,000. to give away.

Owned "Edensvale"  
since 1953.  
Sam 8376, old now,  
Family won't it.

### 13. COUNCIL RESOLUTION SHEET

**RECOMMENDATION** That Riverina Water County Council note Council's Resolution Sheet.

<b>Council Resolution Sheet – Meeting held 27 February 2019</b>				
<b>Report Ref</b>	<b>Subject</b>	<b>Responsible Officer</b>	<b>Council Decision</b>	<b>Action Taken</b>
<b>Meeting held 28 February 2018</b>				
18/12	New Board Room	GM	Council make provision in the 2018/19 Capital Works budget for the completion of the Board Room in the Stores Building and that the General Manager proceed with preparing an appropriate design and fit out, supported by an estimate of the works.	The initial design concepts were presented to a workshop of Councillors on the 8 August. The final design and costings were presented to a Councillor workshop on the 29 November with a report included in this business paper
<b>Meeting held 27 June 2018</b>				
18/82	Riverina Water Community Grants Program	GM and Community Engagement Officer	Staff create the guidelines and applications forms for the Program and that a further report on the draft guidelines be prepared and presented to a future meeting of Council (and as soon as practicable)	Work on the guidelines has commenced and meetings have been held with Wagga Wagga City Council. The feedback from Board members at the workshop on the 29 November is being considered with a view to a report being presented to the April 2019 meeting and the Program commencing in August 2019
18/103	Contract W.195 – Water Treatment Plant (WTP) Contract Variation	DE	(a) That Council authorise the General Manager to further negotiate a suitable outcome within the original project budget. (b) That Council be provided with an update on the contract negotiations at the Board meeting in August 2018. (c) That the financial implications of any negotiated outcome be reported to Council as part of the September 2018 Quarterly Financial Review	The DE and GM will provide an update to the Board at the February meeting on the status of this matter. A Deed of Agreement was entered into with UGL on the 21 December 2018 which resolves the Lamella Filters Issue
<b>Meeting Held 22 August 2018</b>				
	Drought Assistance	GM and DE	RESOLVED on the motion of Conkey and Braid that the General Manager and Director Engineering prepare a report to the October meeting of the Board on possible methods of drought assistance that could be considered by Riverina Water	The report was considered at the October meeting and a further report is included in this is business paper.

<b>Meeting held 18 October 2018</b>				
18/167	Purchase of Land for Storage and Potential Access	DE	RESOLVED, on the motion of Clrs. Braid and Funnell that:  (a) Council purchases land zoned RU1 bordering Kooringal Road, comprised of: Part Lot 5, DP 588177 Part Lot 17, DP 863322 Part Lot 15, DP 842485 for operational and access requirements in accordance with Section 187 of the Local Government Act 1993. (b) Council purchase land zoned RU1 and IN2 land bordering Kooringal Road, comprised of: Part Lot 5, DP 588177 Part Lot 17, DP 863322 for operational and access requirements in accordance with Section 187 of the Local Government Act 1993.	A surveyor is commencing the preparation of plans to enable a subdivision application to be submitted and approved. Following the approval of the subdivision contracts will be exchanged. Settlement expected in 2019/20
18/168	PFAS matter	DE	RESOLVED on the motion of Clrs. Funnell and Quinn that the report be received and that Council be kept apprised of further developments in the management of the matter.	No further updates are available at this stage
<b>Meeting held 12 December 2018</b>	Purchase of Land for Future Operational Purposes	DE	That Council: 1) Purchase land zoned RE1 and IN1 between Forge St and Copland St, comprised of: Lot 1, DP 742224 and Lot 2, DP 742224 for operational requirements in accordance with Section 187 of the Local Government Act 1993.  2) Delegate authority to the General Manager to negotiate the purchase of land in accordance with the financial information contained in the report and sign the relevant sale documents.  3) Fund the purchase of the land from the 2018/19 Operations Budget surplus and make the adjustment to the budget as part of the December quarterly review.	Contracts exchanged and deposit paid. Settlement to occur in March 2019.



Andrew Crakanthorp  
GENERAL MANAGER

## **DIRECTOR OF ENGINEERING'S REPORTS TO COUNCIL MEETING**

### **1. WORKS REPORT COVERING DECEMBER 2018**

**RECOMMENDATION** That this report be received and noted.

---

- *Works Report December 2018*

**DIRECTOR OF ENGINEERING'S REPORTS  
TO FEBRUARY 2019 COUNCIL MEETING**

9th January 2019

**1 WORKS REPORT COVERING DECEMBER 2018**

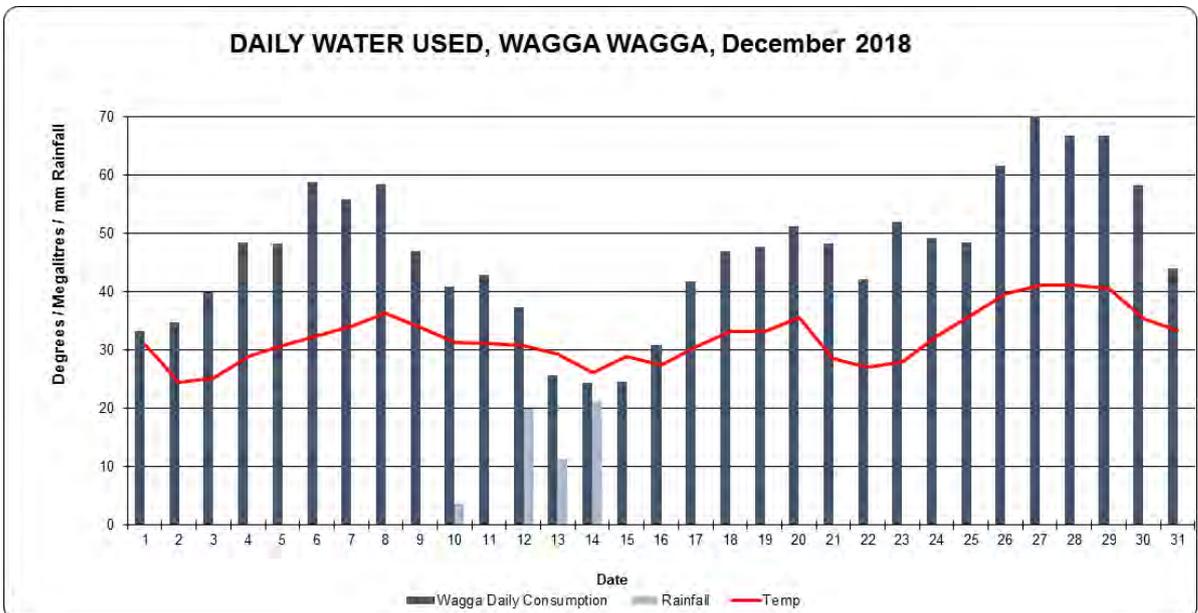
**RECOMMENDATION:** That this report be received and noted.

**1.1 WATER SOURCED AND USED**

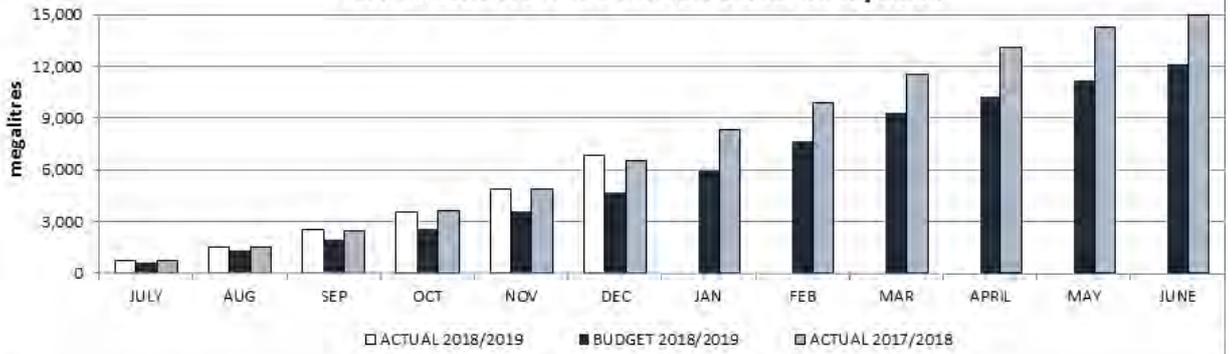
<b>December</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
Rainfall	57.0	101.8	56.2
Wet Days	7	10	5
<b>WATER SOURCED December 2018 (MI)</b>			
North Wagga bores	292.34	241.78	295.50
West Wagga bores	707.50	534.84	470.16
East Wagga bores	283.01	246.26	416.46
Murrumbidgee River	468.13	423.99	508.87
<b>SUB-TOTAL</b>	<b>1,750.98</b>	<b>1,446.87</b>	<b>1,690.99</b>
Bulgary Bores	62.08	38.85	50.17
Urana Source	7.98	5.38	10.22
Ralvona Bores	35.03	23.61	36.63
Walla Walla Bores	34.74	17.95	38.35
Goldenfields Water Supply System	5.21	5.27	5.22
<b>SUB-TOTAL</b>	<b>145.04</b>	<b>91.06</b>	<b>140.59</b>
Woomargama	2.61	1.72	2.65
Humula	1.24	0.59	0.62
Tarcutta	6.10	3.74	5.29
Oura	6.21	3.75	7.37
Walbundrie/Rand	4.32	3.36	4.80
Morundah	1.67	0.65	1.70
Collingullie	9.02	5.56	6.91
<b>SUB-TOTAL</b>	<b>31.17</b>	<b>19.37</b>	<b>29.34</b>
<b>TOTALS</b>	<b>1,927.19</b>	<b>1,557.30</b>	<b>1,860.92</b>

## WATER USED December 2018 (MI)

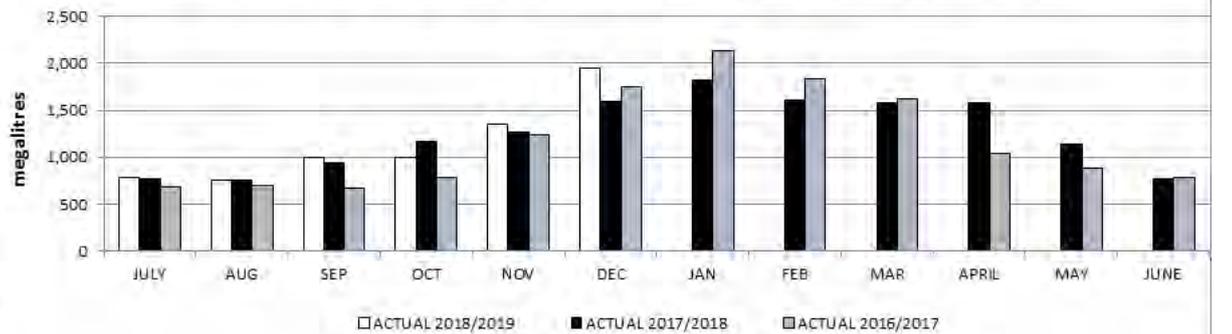
	2016	2017	2018
East Bomen	19.33	27.75	28.23
Estella	35.28	88.62	140.70
North Wagga	53.00	68.65	77.50
Wagga Wagga – Low Level	113.12	158.56	336.13
Wagga Wagga – High Level	282.58	552.22	824.88
Wagga Wagga – Bellevue Level	32.23	55.67	131.61
<b>SUB-TOTAL</b>	<b>535.54</b>	<b>951.47</b>	<b>1,539.05</b>
Ladysmith System	2.63	5.84	8.73
Brucedale Scheme	14.65	23.30	36.02
Currawarna Scheme	7.59	12.31	22.66
Rural Southern trunk main system	64.76	99.84	204.86
Rural Western trunk main system	33.18	36.25	75.33
<b>SUB-TOTAL</b>	<b>122.81</b>	<b>177.54</b>	<b>347.60</b>
Holbrook	12.40	19.50	36.64
Woomargama	1.02	1.61	2.65
Humula	0.51	0.38	0.62
Tarcutta	1.90	3.03	5.29
Oura	1.79	3.16	7.37
Walbundrie/Rand	2.20	2.55	4.80
Morundah	0.41	0.70	1.70
Collingullie	4.23	5.33	6.91
<b>SUB-TOTAL</b>	<b>24.46</b>	<b>36.26</b>	<b>65.98</b>
<b>TOTALS</b>	<b>682.81</b>	<b>1,165.27</b>	<b>1,952.63</b>



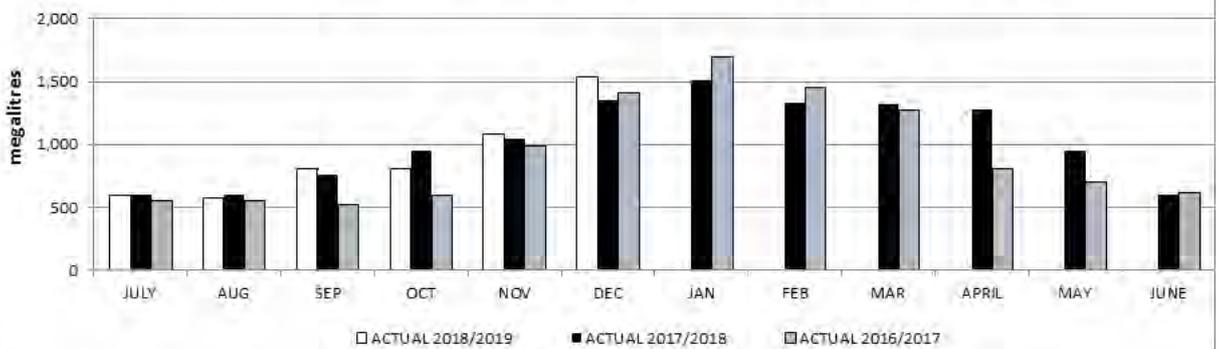
### TOTAL CUMULATIVE WATER USED 2018/2019



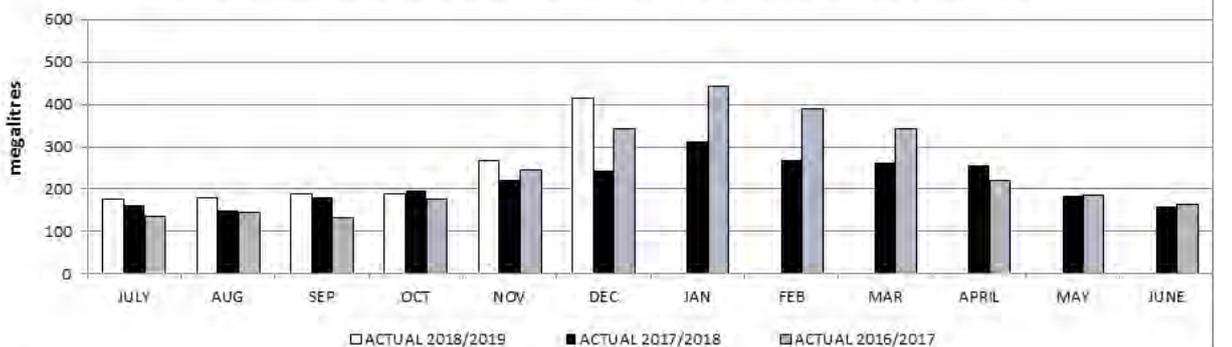
### MONTHLY TOTAL WATER USED COMPARED TO PREVIOUS YEARS



### MONTHLY WAGGA WATER USED COMPARED TO PREVIOUS YEARS



### MONTHLY RURAL WATER USED COMPARED TO PREVIOUS YEARS



## 1.2 NEW SERVICE CONNECTIONS, REPAIRS, METERS, LOCATIONS & COMPLAINTS FOR THE MONTH OF DECEMBER 2018

Location	New Connect., Residential	New connect., Non Residential	Services Renewed	Services Repaired	Quality Complaints	Supply Complaints *	Customer dealings complaints	Other Complaints	Frost damage	Meter or Metercock fault	Leaking valves or hydrants	Locations
Wagga Wagga	17	2		31	4	3				68	3	4
Wagga Wagga		1		14	4	2				13	3	2
Forest Hill				4						1		
North Wagga				1								
Bomen												
Estella										2		
South Wagga												
Koorngal				4						3		
Turvey Park				1		1				2		1
Lake Albert	1			1						3		
Ashmont				2						17		
Tolland										2		
Mt Austin										7		
Bourkelands				1								
Glenfield				1						15		1
Lloyd	3			1						1		
Springvale				1						1		
Boorooma	4	1										
Moorong										1		
Gobbagombalin	9											
Brucedale										2		
Oura										1		
San Isidore				1								
Tarcutta				1						1		
The Gap				3		1						
Bulgary												
Collingullie				2								
Lockhart					3	2				2		
Pleasant Hills				2								
The Rock										7		
Uranquinty	1			1						3		
Yerong Creek										1		
Culcairn				1								
Henty						1				2		
Holbrook				2						2		
Ralvona												
Morven				1		1					1	
Walbundrie												
Walla Walla										2		
Woomargama	1											
Rand										1		
Urana										1		
<b>TOTAL</b>	19	2	0	45	7	8	0	0	0	93	4	4

### 1.3 WATER SYSTEM REPAIRS

WAGGA WAGGA								
Date	Location	Town	Main Type	Cause	Live Repair	Outage Duration Time	Customers Affected (no supply)	Water Lost KI
9	Callaghan/Marshall	Wagga	100 AC	Pipe Failure (not	No	2:30	0	0
21	Tarakan/Ashmont	Ashmont	200 AC	Pipe Failure (not	No	3:00	11	0
30	Heydon Avenue	Wagga	100 AC	Pipe Failure (not	No	4:00	15	0
3	31 O'Connor Street	Tolland	100 AC	Pipe Failure (not	Yes		0	1
<b>TOTALS</b>						9:30	26	1
Total Breaks – 4					Breaks needing shut off - 3	Breaks affecting customers – 2		

RURAL								
Date	Location	Town	Main Type	Cause	Live Repair	Outage Duration Time	Customers Affected (no supply)	Water Lost KI
4	Olympic Highway	Henty	200 AC	Pipe Failure -	No	4:15	13	123
15	Gap Reservoir	The Gap	150	Pipe Failure (not	No	2:15	0	0
18	Olympic Highway	Culcairn	200 AC	Pipe Failure -	No	6:00	16	56
24	Sturt Highway	San Isidore	150	Pipe Failure (not	No	2:30	0	0
29	Cambournes Lane	The Gap	25 PVC	Pipe Failure (not	No	0:30	2	0
19	Comer Street	Henty	150 AC	Pipe Failure -	No	6:00	25	39
19	Sladen Street	Henty	200 AC	Pipe Failure -	No	3:30	10	35
25	30 Keightly Street	Henty	100 AC	Pipe Failure -	No	2:30	15	78
29	Urana Road	Bidgeemia	63 PE	Pipe Failure -	No	1:00	0	23
17	Parkins Road	Brucedale	40 PE	Pipe Failure -	Yes		0	5
19	Naranderra Road	Lockhart	150	Pipe Failure -	Yes		0	21
20	County boundry Road	Milbrulong	80 PVC	Pipe Failure -	Yes		0	9
21	Yarrabee Street	Morundah	100 AC	Pipe Failure -	Yes		0	10
24	Doigs Lane	Pleasant Hills	40 PE	Pipe Failure -	Yes		0	9
21	Parkins Lane	Brucedale	40 PE	Pipe Failure -	Yes		0	5
<b>TOTALS</b>						28:30	81	413
Total Breaks – 15					Breaks needing shut off - 9	Breaks affecting customers – 6		

### 1.4 WATER QUALITY COMPLAINTS

Water quality complaints received during December 2018 were:

Date	Location	Problem	Action Taken
3/12/2018	16 Spanish Avenue	Dirty Water	Flushed mains & services
5/12/2018	Day St South	Dirty Water	Flushed water main
14/12/2018	4 Darlow Street	Dirty brown water	Flushed meter, left washing powder at door
14/12/2018	52 Mason Street	Dirty water	Flushed main and meter, house at end of the line
16/12/2018	Day Street	Dirty water	Flushed dead ends in Lockhart
18/12/2018	29 Gossett Stree	Dirty water	Flushed service
19/12/2018	47 Thornber Street	Dirty water keeps coming through system	Flushed service
21/12/2018	4 Callaghan Street	Dirty water	Flushed service
27/12/2018	126 East Street	Dirty water	Flushd water main, removed water meter and flushed service

## 1.5 MAINS CONSTRUCTIONS

### 1.5.1 MAINS EXTENSIONS AND NEW WORKS

New water mains laid during December 2018 include:

LOCATION	PROJECT	100	150
		OPVC	OPVC
Lloyd West Stage 2	New Subdivision	58	
Estella Rise Stage 3 & 5	New Subdivision	516	288
	TOTAL	574	288

### 1.5.2 REPLACEMENT OF EXISTING MAINS

Mains replaced during December 2018 include:

LOCATION	PROJECT	100	150	200
		OPVC	OPVC	DICL
Inglewood Road	Mains Replacement		470	
River Rd Wagga	Mains Replacement	600		
Tooyal	Mains Upgrade		846	
Henty	Mains Replacement			107
	TOTAL	600	1316	107

## 1.6 OTHER CONSTRUCTION

Other construction works during December 2018 include:

LOCATION OR PROJECT	WORK DONE
Dunn's Road New Rural Res	Commision Reservoir

## 1.7 MAJOR REPAIRS / OVERHAULS

Major repairs/overhauls during December 2018 include:

LOCATION OR PROJECT	WORK DONE
Wagga WTP	Assist UGL temporary backwash pumps install
Wagga WTP	Clean No.2 Lamella
Wagga WTP	Pump out alum bunding
North Wagga Bore #1	Reinstall after motor failure
West Wagga WTP	Replace fluoride feed pump
The Rock pump station	Refurbish and reinstall chlorine pump
Tarcutta WTP	Pressure wash iron filter media
Tarcutta WTP	Air scour manganese filters

## 1.8 WATER FILLING STATION ACTIVITY

Water Filling Station activity during December 2018 include:

LOCATION	NUMBER OF FILLS
Bomen Hereford Street	210
Estella Farrer Road	95
Forest Hill Elizabeth Avenue	11
Glenfield Red Hill Road	58
Henty Olympic Way	11
Holbrook Millswood Road	48
Lake Albert Plumpton Road	46
Lockhart Napier Road	19
Pleasant Hills Manson Street	8
The Rock	29
Yerong Creek Finlayson Street	14

## 1.9 STAFF TRAINING & SAFETY

The following training and/or safety activities were undertaken during December 2018:

Training or Programme	Number of Staff
1st Aid Refresher	2

## 1.10 FLEET DISPOSALS

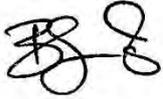
Fleet disposals made during December 2018 are:

Vehicle Details					
Vehicle No	Description	Vehicle Type	Make & Model	Year	kms
313	Electrician	Dual cab with tray	Ford Ranger	2013	94564
Disposal Details					
Vehicle No	Method		Price exc GST		
313	Auctions		\$17,500.00		

## 1.11 FLEET ACQUISITIONS

Fleet acquisitions made during December 2018 are:

New Vehicle Details					
Vehicle No	Tenders Received	Accepted Tenderer	Vehicle Type	Make & Model	Price exc GST
399	4	Prestige Mowers	Mower	Bobcat CRZ42	\$6,355
400	2	Riv Steel Trailer	Mower Trailer	Riv Steel	\$1,841
401	3	Riverina Mower World	Trencher Roller	Wacker	\$39,336



Bede Spannagle  
DIRECTOR OF ENGINEERING

## 2. WORKS REPORT COVERING JANUARY 2019

**RECOMMENDATION** That this report be received and noted.

---

- *Works Report January 2019*

**DIRECTOR OF ENGINEERING'S REPORTS  
TO FEBRUARY 2019 COUNCIL MEETING**

13th February 2019

**1 WORKS REPORT COVERING JANUARY 2019**

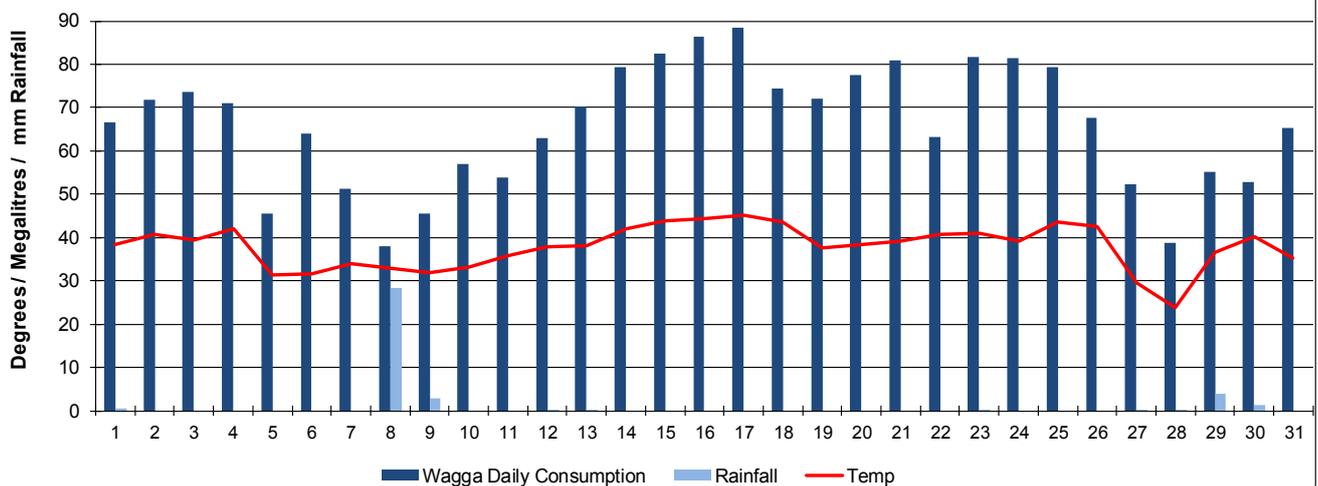
**RECOMMENDATION:** That this report be received and noted.

**1.1 WATER SOURCED AND USED**

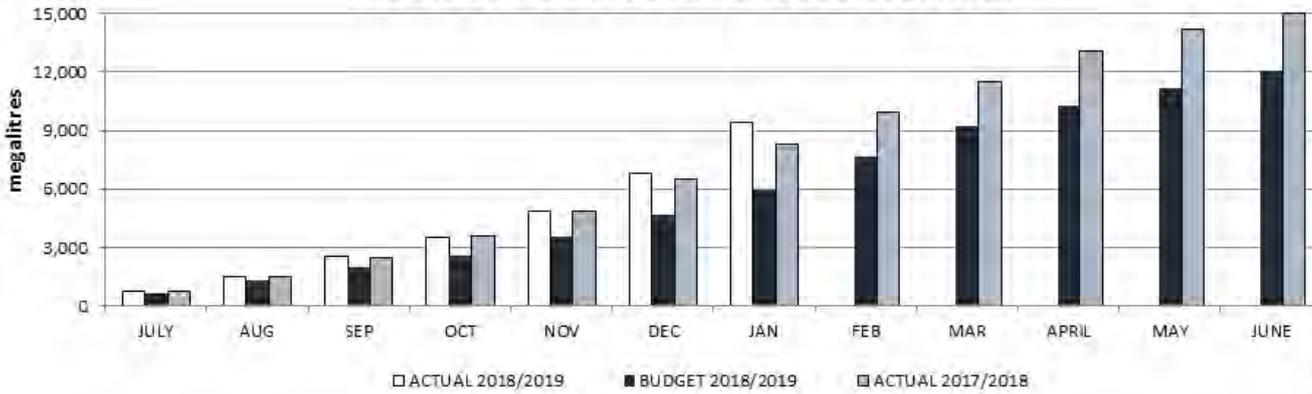
January	2017	2018	2019
Rainfall	13.8	49.8	38.4
Wet Days	3	12	10
<b>WATER SOURCED January 2019 (MI)</b>			
North Wagga bores	326.18	297.23	355.19
West Wagga bores	685.56	595.97	645.27
East Wagga bores	492.85	210.79	487.71
Murrumbidgee River	432.43	664.79	868.57
<b>SUB-TOTAL</b>	<b>1,937.02</b>	<b>1,768.78</b>	<b>2,356.74</b>
Bulgary Bores	66.31	52.21	80.79
Urana Source	10.89	10.74	25.06
Ralvona Bores	36.58	32.65	48.24
Walla Walla Bores	45.84	31.58	45.62
Goldenfields Water Supply System	10.76	0.00	8.16
<b>SUB-TOTAL</b>	<b>170.38</b>	<b>127.18</b>	<b>207.87</b>
Woomargama	2.66	2.58	4.51
Humula	0.91	0.78	0.83
Tarcutta	6.11	5.37	8.58
Oura	6.32	6.13	8.01
Walbundrie/Rand	3.82	5.34	8.89
Morundah	1.85	1.32	2.13
Collingullie	10.05	7.92	13.86
<b>SUB-TOTAL</b>	<b>31.72</b>	<b>29.44</b>	<b>46.81</b>
<b>TOTALS</b>	<b>2,139.12</b>	<b>1,925.40</b>	<b>2,611.42</b>

WATER USED January 2019 (MI)			
	2017	2018	2019
East Bomen	43.31	30.35	28.77
Estella	144.12	142.32	190.47
North Wagga	82.94	76.60	76.08
Wagga Wagga – Low Level	242.69	241.14	256.49
Wagga Wagga – High Level	1,031.59	882.25	1,242.02
Wagga Wagga – Bellevue Level	146.40	139.97	188.09
<b>SUB-TOTAL</b>	<b>1,691.05</b>	<b>1,512.63</b>	<b>1,981.92</b>
Ladysmith System	8.63	9.33	11.55
Brucedale Scheme	45.18	30.42	43.60
Currawarna Scheme	26.12	21.88	28.46
Rural Southern trunk main system	217.37	124.10	295.53
Rural Western trunk main system	77.20	62.95	97.90
<b>SUB-TOTAL</b>	<b>374.50</b>	<b>248.68</b>	<b>477.04</b>
Holbrook	36.58	32.65	48.25
Woomargama	2.66	2.58	4.51
Humula	0.91	0.78	0.83
Tarcutta	6.11	5.37	8.06
Oura	6.32	6.13	8.01
Walbundrie/Rand	3.82	5.34	8.89
Morundah	1.85	1.32	2.13
Collingullie	10.05	7.92	13.86
<b>SUB-TOTAL</b>	<b>68.30</b>	<b>62.09</b>	<b>94.54</b>
<b>TOTALS</b>	<b>2,133.85</b>	<b>1,823.40</b>	<b>2,553.50</b>

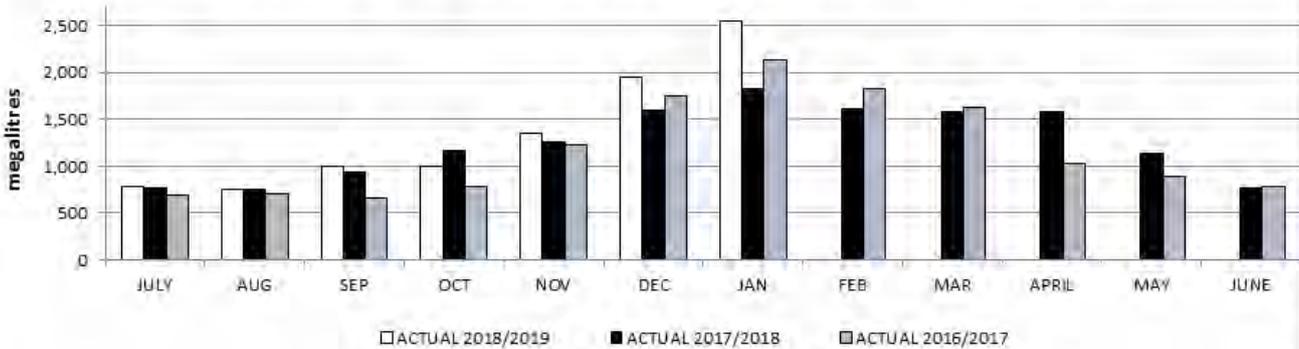
**DAILY WATER USED, WAGGA WAGGA, January 2019**



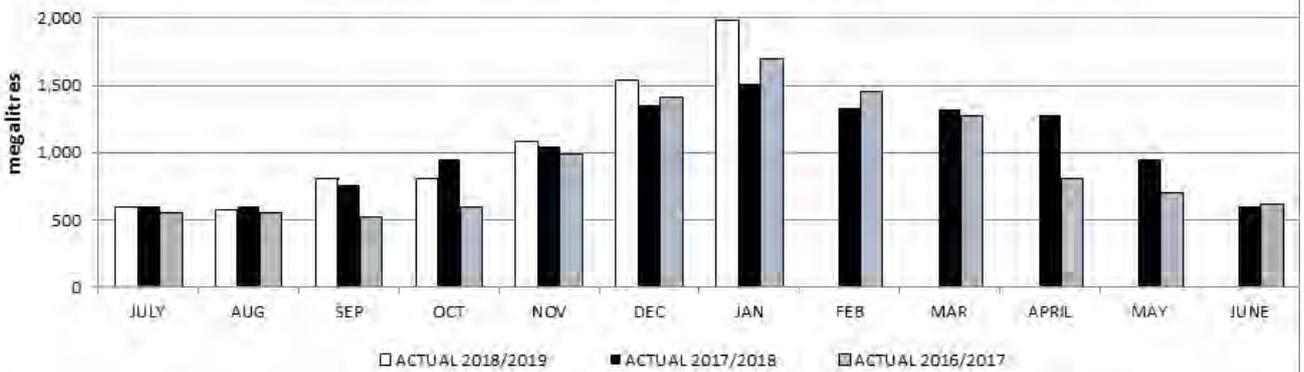
### TOTAL CUMULATIVE WATER USED 2018/2019



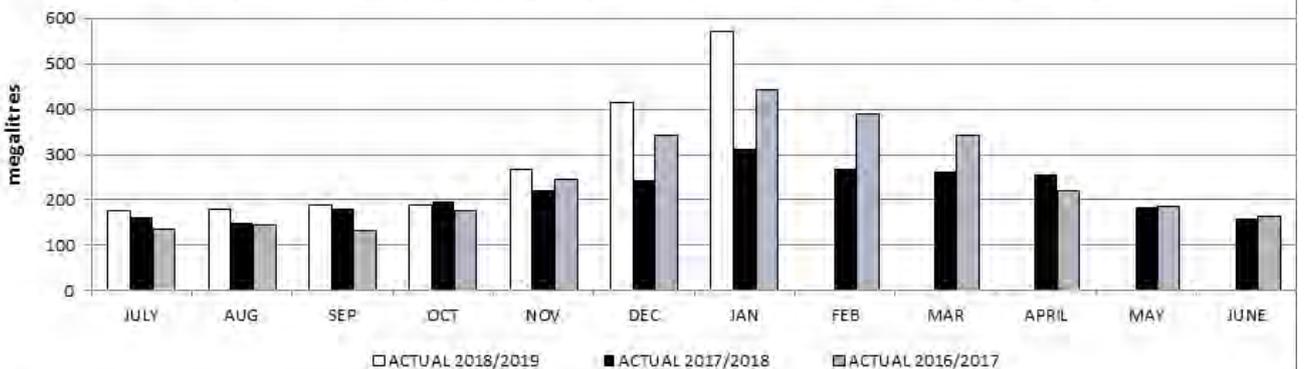
### MONTHLY TOTAL WATER USED COMPARED TO PREVIOUS YEARS



### MONTHLY WAGGA WATER USED COMPARED TO PREVIOUS YEARS



### MONTHLY RURAL WATER USED COMPARED TO PREVIOUS YEARS



## 1.2 NEW SERVICE CONNECTIONS, REPAIRS, METERS, LOCATIONS & COMPLAINTS FOR THE MONTH OF JANUARY 2019

Location	New Connect., Residential	New connect., Non Residential	Services Renewed	Services Repaired	Quality Complaints	Supply Complaints *	Customer dealings complaints	Other Complaints	Frost damage	Meter or Metercock fault	Leaking valves or hydrants	Locations
Wagga Wagga	33	1		23	2	11				51	7	10
Wagga Wagga				7	1	3				16	2	4
Forest Hill	2			1						2		
North Wagga						2				1	3	
Bomen											1	
Estella	1			1						2		
Koorungal	1			2						2		1
Turvey Park	1			2	1	1				4		2
Lake Albert	3			4						9		1
Ashmont				1						4		
Tolland						2				5		
Mt Austin				1						2		2
Bourkelands	2					1				1		
Tatton						2				1		
Glenfield				1						2		
Lloyd	2			1								
Springvale				1								
East Wagga		1										
Boorooma	8			1								
Gobbagombalin	8											
Gumly Gumly	1										1	
Brucedale				2						1		
Humula										1		
San Isidore				1								
Tarcutta				1						1		
The Gap				1						1		
Collingullie										1		
Lockhart	1			2		1				3		1
Mangoplah	1											
Milbrulong				1						1		
Pleasant Hills						1						
The Rock				2						1		
Uranquinty						1						
Culcairn				1						1		
Henty						1				2	2	
Holbrook				1						1		
Walla Walla				2						1		
Woomargama						1				1		
Oaklands				1	1							
Rand				1								
Urana			2	1								
<b>TOTAL</b>	<b>35</b>	<b>1</b>	<b>2</b>	<b>40</b>	<b>3</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>67</b>	<b>9</b>	<b>11</b>

### 1.3 WATER QUALITY COMPLAINTS

Water quality complaints received during January 2019 were:

Date	Location	Problem	Action Taken
2/01/2019	13 Charleville Road, Turvey Pk	Dirty water	Gal pipes
29/01/2019	45 Currawang Drive, Springvale	Dirty water	Flushed main

### 1.4 MAINS CONSTRUCTIONS

#### 1.4.1 MAINS EXTENSIONS AND NEW WORKS

New water mains laid during January 2019 include:

LOCATION	PROJECT	100	250
		OPVC	OPVC
Bomen Road	New Mains		192
Belmore Place	New Subdivision	66	
	TOTAL	66	192

#### 1.4.2 REPLACEMENT OF EXISTING MAINS

Mains replaced during January 2019 include:

LOCATION	PROJECT	100	150	200	250	
		OPVC	OPVC	OPVC	OPVC	OPVC
Inglewood Road	Mains Replacement		400			
River Road	Mains Replacement	1374				
Bulgary	Mains Upgrade					48
Gregado Res	Scour replacement			80		
	TOTAL	1374	400	80		48

### 1.5 OTHER CONSTRUCTION

No other construction works during January 2019.

### 1.6 MAJOR REPAIRS / OVERHAULS

Major repairs/overhauls during January 2019 include:

LOCATION OR PROJECT	WORK DONE
10 Million reservoir	Overhaul chlorine dosing system
Estella pump station	Install generator to operate a second high lift pump
Ralvona water treatment plant	Overhaul chlorine dosing system
Oura water treatment plant	Overhaul chlorine dosing system
Bulgary water treatment plant	Overhaul sodium silica dosing system
North Wagga pump station	Replace high lifts no1 and no2 non return valves
Morven township	Overhaul trunk main pressure reducing valve
Coorabin water storage tanks	Repair tank inlet valves
Woomargama water treatment plant	Replace and upgrade treatment plant control system
Wagga water treatment plant	Replace bore water sodium hypochlorite dosing injection point

## 1.7 WATER FILLING STATION ACTIVITY

Water Filling Station activity during January 2019 include:

LOCATION	NUMBER OF FILLS
Bomen Hereford Street	32
Estella Farrer Road	184
Forest Hill Elizabeth Avenue	27
Glenfield Red Hill Road	265
Henty Olympic Way	9
Holbrook Millswood Road	122
Lake Albert Plumpton Road	129
Lockhart Napier Road	63
Pleasant Hills Manson Street	21
The Rock	30
Yerong Creek Finlayson Street	13

## 1.8 STAFF TRAINING & SAFETY

The following training and/or safety activities were undertaken during January 2019:

Training or Programme	Number of Staff
1st Aid - Full Course	1

## 1.9 FLEET DISPOSALS

Fleet disposals made during January 2019 are:

Vehicle Details					
Vehicle No	Description	Vehicle Type	Make & Model	Year	kms
348	Admin	Sedan	VW Jetta	2015	40141

Disposal Details		
Vehicle No	Method	Price exc GST
348	Auctions	\$12,727.27

## 1.10 FLEET ACQUISITIONS

Fleet acquisitions made during January 2019 are:

New Vehicle Details					
Vehicle No	Tenders Received	Accepted Tenderer	Vehicle Type	Make & Model	Price exc GST
402	3	Riverina Motor Group	SUV Wagon	Volkswagen	\$49,573

## 1.11 MAJOR CAPITAL PROJECTS PROGRESS

 - On track

 - Behind Schedule

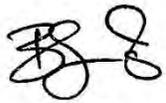
 - Unlikely this Financial Year

### MAJOR PROJECTS 2018/19 (> Over \$100,000) - January 2019

Description	2018/19 Budget	Actual & Committed to Date	Comments
<b>MANAGEMENT</b>			
<b>Depot Buildings</b>			
Fitout new Council meeting room in new depot building	\$150,000	\$41,985	Report to February Council Meeting
<b>Land &amp; Buildings for Admin, Depot &amp; Workshops</b>			
<b>Access, Parking and Landscaping</b>			
Levee protection stage 2 Hammond Ave - Urban	\$2,364,966	\$1,038,172	Capping installation continuing.
<b>PLANT &amp; EQUIPMENT</b>			
<b>IT Equipment</b>			
Computer Equipment - Urban	\$160,598	\$99,598	
<b>Working Plant &amp; Vehicle Purchases</b>			
Routine plant & vehicle replacements	\$1,244,988	\$682,303	
<b>Telemetry &amp; Control Systems Upgrade</b>			
Radio Telemetry SCADA Upgrade	\$193,126	\$111,697	Contractors for West Wagga Telemetry System upgrade engaged
<b>Radio Communications Upgrade/Replacements/Improvements</b>			
Radio Communication	\$760,475	\$156,044	Finalising access to NSW Police Comms tower at Galore Hill, initiated process to access NSW Police Comms tower at Mt Burngoogie

<b>SOURCES</b>			
<b>Bores-renew/refurbish/decommission</b>			
Humula Well Replacement	\$329,600	\$95,744	Test bores were unsuccessful. Likelihood to establish bores to replace open wells is low. Further investigation required to consider alternate options to protect wells from flood inundation
<b>TREATMENT PLANTS</b>			
<b>Treatment Plant Refurbishments</b>			
East Wagga Aeration Basin cover - Urban	\$160,000	\$4,562	Design 98% complete
West Wagga WTP Fluoride Plant Replacement	\$130,000	\$0	
WTP Stage 1 - Urban	\$7,573,019	\$4,234,743	Commissioning scheduled for February
Urana WTP replacement - Non-Urban	\$426,307	\$34,169	Construction to commence 2019/20
<b>RESERVOIRS</b>			
<b>New/Replacement Reservoirs</b>			
Main Low Level Reservoir 2x11ML Investigation & Design - Urban	\$1,400,000	\$534,044	Earthworks pad completed. Tender recommendation for reservoir D&C to February Council Meeting
Glenoak Res 2 x 4.5ML - Construction	\$2,000,000	\$5,767	Earthworks pad completed. Tender recommendation for reservoir D&C to February Council Meeting
Shires Reservoir Relocation - Non-Urban	\$1,752,956	\$677,974	Completed under budget.
<b>MAINS, SERVICES &amp; METERS</b>			
<b>MAINS</b>			
<b>System Improvements</b>			
System Improvements - Urban	\$270,000	\$243,701	
Low Level Reservoirs Pipework	\$300,000	\$0	
WW WTP 600mm DICL Koorngal Road	\$100,000	\$5,566	
Estella to CSU 450mm DICL	\$1,237,000	\$736,183	
<b>Reticulation for Developers (including other extensions)</b>			
Reticulation for Developers - Urban	\$800,000	\$320,273	

<b>Renew Reticulation Mains</b>			
Renew Reticulation Mains - Non-Urban	\$200,000	\$17,568	
Renew Reticulation Mains - Urban	\$400,000	\$381,373	
The Gap Hall Coolamon Road	\$300,000	\$99,204	
Billigha Street	\$100,000	\$121	
Inglewood Road	\$250,000	\$196,771	
<b>Renew Trunk Mains</b>			
Renew Trunk Mains - Urban	\$200,000	\$0	
Renew Trunk Mains - Non-Urban	\$180,000	\$136,509	
Bulgary Bore Rising Main - 7.5km 200mm of OPVC	\$460,000	\$19,723	
The Rock - Milbrulong BT Trunk Mains Replacement	\$1,000,000	\$593,435	
<b>SERVICES</b>			
<b>Service Connections, new including Meters</b>			
Service Connections, New - Urban	\$500,000	\$304,761	
<b>Renew Services</b>			
Renew Services - Urban	\$100,000	\$28,918	
<b>METERS</b>			
<b>Water Meters Replacement</b>			
Water meters replacement - Urban	\$150,000	\$57,859	
<b>Water Filling Stations Upgrade</b>			
WFS - Non-Urban	\$117,686	\$37,355	



Bede Spannagle  
DIRECTOR OF ENGINEERING

### 3. CONTRACT W195 – WATER TREATMENT PLANT (WTP) PROGRESS REPORT

**RECOMMENDATION** That Council receive and note this report.

---

#### **Project Issues**

Council has been regularly updated throughout the progress of the water treatment plant project.

The contract has now entered into a formal commissioning phase and Council staff are witnessing the inspection and testing procedures of the various components of the plant.

The following significant items have been highlighted for Council's information.

Two major defects have been rectified since the last report.

- Raw Water pump No.3 has been repaired and reinstalled.
- The backwash pump has been repaired and reinstalled.

To enable effective water production over the summer period, the Lamella Clarifier collection troughs were modified to allow cleaning on the inlet channels. Each trough has had a number of slots cut in it. This modification has made cleaning much easier and more effective.

The plant has been operating reasonably well over the past 2 months with water production meeting peak demands.

#### **Contract Issues**

The Deed of Settlement and Release for supply and replacement of the Lamella clarifiers has been finalised. RWCC paid the settlement sum on 27 December 2018.

The UGL project status report issued since the last Council meeting are attached.

- *UGL Project Status report – December 2018 - January 2019*



# PROJECT STATUS REPORT



Dec 2018 - Jan 2019

PROJECT:	Wagga Wagga WTP Upgrade
CLIENT:	Riverina Water County Council
CONTRACT NO.:	W195
UGL PROJECT NO.:	3200-0485
REPORT DATE:	20th February 2019
REPORT NO.:	39
PROJECT MANAGER:	Doug Anderson
PREPARED BY:	Doug Anderson



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## 1.0 SUMMARY

Project progress during the period was focussed on the following activities:

WTP now operational

Electrical works – minor defects & omissions

Raw Water Intake – Raw water intake & pumps operating well, pump #3 failed late Oct with a defective coupling, pump returned to vendor 21/11/18 for repair, unit forecast for return early Feb 19.

Pumps #1 & #2 were progressively removed/re-installed between the 13/12/19 – 17/12/19 and the coupling bolts replaced to prevent a re-occurrence of the issue with pump #3

Clearwater Pump Station – Due to some noise and elevated temperatures the bearings were replaced on high level pumps #1 & #3 between 20/1/19 – 22/1/19, pump #1 has a small runout on the shaft and has been removed from the duty rotation (can be operated if required) until the vendor (KSB) advises what further action is required.

Lamella Clarifiers – ‘Deed of Settlement’, re lamella replacement, executed 21/12/19. Cleaning slots installed into existing troughs 19/1/19.

Filters – Still spasmodic issues with level control mainly in cell 2, can also affect cells 1 & 6 from time to time, investigating using ultrasonics for level control. Backwash pump #1 failed on the 1/12/18 after repair, returned to vendor, short circuit in the stator which is un-repairable, new stator from Germany required, expected return to site early Feb 2019. UGL to install back-up diesel pumps as contingency during the high demand period.

Civil/plumbing – Minor repairs and adjustments on various PRVs & RPZs.

Fluoride dosing has been commissioned with NSW Dept of Health in attendance, awaiting final approval.

Safety performance across the site continues to be well managed.

## 2.0 SCOPE OF WORK

The project scope of works is to replace the Wagga Wagga Water Treatment Plant (WTP) to provide additional process capacity and asset reliability to produce up to 55ML/day of water for the residents of Wagga Wagga.

## 3.0 HSSE

The total hours worked on the project this period were 807 hours. Subcontractor hours recorded on site were 567. Total hours worked on the project to date is 264,265.

Site operatives have been reduced to 1 UGL staff and subcontractors as required.

The Safety Report as previously compiled will be discontinued.

## 4.0 RISK / CRITICAL ACTION AREAS

Summary of Top Risks: -

Risk Description	Potential Impact	Control Measures
Quality and specification issues	Additional resources required for investigation and rework.	Engage with subcontractors & suppliers about prompt rectification of issues

## 5.0 CONTRACT/COMMERCIAL

### 5.1 Progress Claim

The table below summarises the progress to the 31st January.

#### WAGGA WAGGA WATER TREATMENT PLANT

Item No.	Schedule of Prices	Total Claim to date	
		% complete	Claim Value
1	Provision of Preconstruction Activities		
	Preconstruction Activities subtotal (1)	100%	
2	Provision of Project Management and Site Running Activities		
	Project Management Activities subtotal (2)	100%	
3	Complete all additional designs, where required		
	Design and Documentation subtotal (2)	100%	
4	Intake Works		
	Intake Works - General subtotal (3)	100%	
5	Raw Water Piping System		
	Raw Water Piping subtotal (4)	98%	
6	Lamella & Rapid Mix Tank		
	Lamella & Rapid Mix Tank subtotal (5)	100%	
7	Filters		
	Filters subtotal (7)	100%	
8	Filter Water Tank & Backwash		
	Filter Water Tank & Backwash subtotal (8)	100%	



9	Machinery Room		
	Machinery Room subtotal (9)	100%	
10	Clear Water Storage & Pumping System		
	Clear Water subtotal (10)	100%	
11	Aluminium Dosing Plant		
	Aluminium Dosing Plant subtotal (11)	100%	
12	PACL Dosing Plant		
	PACL Dosing Plant subtotal (12)	100%	
13	Caustic Soda Dosing Plant Facilities		
	Caustic Soda Dosing Plant subtotal (13)	100%	
14	Sodium Hydrochlorite Dosing Plant		
	Sodium Hydrochlorite Dosing Subtotal (14)	100%	
15	Polymer Dosing Plant		
	Polymer Dosing Plant subtotal (15)	100%	
16	Fluoride Dosing Plant		
	Fluoride Dosing subtotal (16)	100%	
17	Other Items		
	Other Items subtotal (17)	100%	
18	Electrical Items		
	Electrical subtotal (18)	99%	
19	Testing Demonstration Commissioning		
	Testing Demonstration and Commissioning (19)	28%	
20	Post Process Proving		
	Post Process Proving (20)	24%	
21	Sludge Handling & Dewatering System		
	Sludge Handling subtotal (19)	100%	
22	Other Options Accepted		
	Options subtotal (20)	100%	
23	Variations		
	Variations Subtotal	100%	

24	<b>Lamella Deed of Settlement</b>		
	<b>Subtotal</b>	<b>100%</b>	

## 5.2 Variations

The table below provides a summary of the approved variations against the contract.

Variation No.	Title	Amount (\$ 000) Excl. GST	Status
VO01	Control System Design for fully networked plant	15	Approved
VO02	AC Road Surface	101	Approved
VO03	Future UV	21	Approved
VO04	Disabled Access	278	Approved
VO05	Aggressive Water Response	79	Approved
VO06	NSC02 – removal of Gyprock	5	Approved
VO07	Transformer supplied by principle	- 244	Approved
VO09	Chemical Dosing – Alum Storage	81	Approved
VO10	Switchboards additional spare capacity	8	Approved
VO11	Lamella plate capacity	45	Approved
VO12	Sewer pump station	5	Approved
VO13	Manual Penstocks on Clarifier Inlet	9	Approved
VO14	Increased bearing capacity in the filters	31	Approved
VO15	Waste in excavation NSC04 & NSC06	10	Approved
VO16	Asbestos in Levee	26	Approved
VO17	Warehouse Facility	- 18	Approved
VO18	Filter Gallery Trenches	41	Approved
VO19	Additional 25mm cover to Slab	8	Approved
VO20	Raw Water Intake	105 260	20A Approved 20B Approved
VO21	Material Compatibility Changes	- 17	Approved
VO23	Pits under existing centrifuge building - NSC10	8	Approved
VO24	Clear Water Pumps Mechanical Seal	1.5	Approved
VO25	Bomen Line	80	Approved
VO26	NSC11 Material Excavated under UGL Carpark	27	Approved
VO27	NSC12 Asbestos at Wash Water Holding Tank	3	Approved
VO29	Filter Water Overflow Changes	-80	Approved
VO30	Site Road Realignment	17	Approved
VO31	Roof Access Ladder to Centrifuge Building	14	Approved
VO33	Flowmeter Modbus Communications	22	Approved



VO34	Caustic Building Lighting Changes	3	Approved
VO36	Sludge Thickener Infill Slab	90	Approved
VO40	Street Light Fittings	9	Approved
VO43	S&I 4.8 to 9.6 Garnet Filter Media	86	Approved
VO44	Lamella Corrosion	-300	Approved
VO45	Concrete slab between filters and Lamella	1	Approved
VO46	NSC16 Remove Concrete Slab	4	Approved
VO49	Bore Water Pressure Line Changes	9	Approved
VO50	Filter Building Pop out Power Outlets	2	Approved
VO53	NSC17 Asbestos at A2 to A203	4	Approved
VO56	Rework External Chemical Delivery Pipework	15	Approved
VO61	Raw Water Piping HAZOP Changes	4	Approved
VO73	Road Subgrade Replacement	26	Approved
VO140	Power Failure Alarm Modification	5	Approved
VO141	Raw Water Disassembly Frame Footings	2	Approved
VO142	Chemical Building Forklift Access Ramps	12	Approved
VO143	Conversion of Hi & Low Lift Pumps to Mechanical Seals	64	Approved
VO144	Supply & Install additional WAPs	8	Approved
VO145	Surge Tank Footings	4	Approved
VO146	Stage 2 Road Redesign	6	Approved
VO147	Excess Project materials	9	Approved
VO148	Stage 2 road services	44	Rejected
VO149	Raw water stopboards	26	Approved

There are number of unresolved commercial issues some of which may have to be resolved by senior management

## 6.0 FINANCE

The table below summarises the invoices and payment status.

Claim Description	Invoice no.	Amount	Claim/Invoice Status
W195 Progress Claim 1	Invoice # 1	\$ 879,128.59	Paid
W195 Progress Claim 2	Invoice # 2	\$ 1,428,346.00	Paid
W195 Progress Claim 3	Invoice # 3	\$ 1,246,918.00	Paid
W195 Progress Claim 4	Invoice # 4	\$ 2,341,562.00	Paid
W195 Progress Claim 5	Invoice # 5	\$ 2,269,089.00	Paid
W195 Progress Claim 6	Invoice #6	\$ 1,652,403.00	Paid
W195 Progress Claim 7	Invoice #7	\$ 2,039,696.00	Paid
W195 Progress Claim 8	Invoice #8	\$ 1,764,615.00	Paid
W195 Progress Claim 9	Invoice #9	\$ 2,037,494.00	Paid
W195 Progress Claim 10	Invoice #10	\$ 2,540,706.00	Paid
W195 Progress Claim 11	Invoice #11	\$ 3,296,966.00	Paid



<b>W195 Progress Claim 12</b>	Invoice #12	\$1,309,013.00	Paid
<b>W195 Progress Claim 13</b>	Invoice #13	\$1,208,270.00	Paid
<b>W195 Progress Claim 14</b>	Invoice #14	\$ 967,609.00	Paid
<b>W195 Progress Claim 15</b>	Invoice #15	\$ 714,741.00	Paid
<b>W195 Progress Claim 16</b>	Invoice #16	\$ 582,416.00	Paid
<b>W195 Progress Claim 17</b>	Invoice #17	\$ 723,083.00	Paid
<b>W195 Progress Claim 18</b>	Invoice #18	\$ 614,612.00	Paid
<b>W195 Progress Claim 19</b>	Invoice #19	\$ 502,532.00	Paid
<b>W195 Progress Claim 20</b>	Invoice #20	\$ 480,610.00	Paid
<b>W195 Progress Claim 21</b>	Invoice #21	\$ 327,361.10	Paid
<b>W195 Progress Claim 22</b>	Invoice #22	\$ 170,888.00	Paid
<b>W195 Progress Claim 23</b>	Invoice #23	\$ 304,322.00	Paid
<b>W195 Progress Claim 24</b>	Invoice #24	\$ 0.00	Paid
<b>W195 Progress Claim 25</b>	Invoice #25	\$ 0.00	Paid
<b>W195 Progress Claim 26</b>	Invoice #26	\$ 55,051.00	Paid
<b>W195 Progress Claim 27</b>	Invoice #27	\$ 303,036.00	Paid
<b>W195 Progress Claim 28</b>	Invoice #28	\$ 280,348.00	Paid
<b>W195 Progress Claim 29</b>	Invoice #29	\$ 341,270.00	Paid
<b>W195 Progress Claim 29A</b>	Invoice #29A	\$ 417,372.00	Paid
<b>W195 Progress Claim 30</b>	Invoice #30	\$ 252,965.00	Paid
<b>W195 Progress Claim 31</b>	Invoice #31	\$0.00	Claim amount of \$297,940.00 included in Claim #38
<b>W195 Progress Claim 32</b>	Invoice #32	\$0.00	Claim amount of \$300,331.00 included in Claim #38
<b>W195 Progress Claim 33</b>	Invoice #33	\$0.00	Claim amount of \$263,330.00 included in Claim #38
<b>W195 Progress Claim 34</b>	Invoice #34	\$0.00	Claim amount of \$164,274.00 included in Claim #38
<b>W195 Progress Claim 35</b>	Invoice #35	\$0.00	Claim amount of \$244,150.00 included in Claim #38
<b>W195 Progress Claim 36</b>	Invoice #36	\$0.00	Claim amount of \$353,444.00 included in Claim #38
<b>W195 Progress Claim 37</b>	Invoice #37	\$0.00	Claim amount of \$10,943.00 included in Claim #38
<b>W195 Progress Claim 38</b>	Invoice #38	\$1,634,697.00	Paid
<b>W195 Progress Claim 38A</b>	Invoice #38A	\$1,250,000.00	Paid (Deed of Settlement)
<b>W195 Progress Claim 39</b>	Invoice #39	\$19,001.00	Paid
<b>W195 Progress Claim 40</b>	Invoice #40	\$10,239.00	Pending

## 7.0 PROGRAMME

A completion programme has been produced which details the remaining works and commissioning activities and would normally be included in App C.

No new program this month, awaiting confirmation on start dates for demonstration, fluoride commissioning etc prior to updating the program

## 8.0 QUALITY

Production of Inspection and Test Reports (ITPs) is complete for 98% of the project.

O&M Manuals - Uploaded 98%, fluoride dosing outstanding  
SOPs – Complete 100%, operational SOPs upload 100%, maintenance SOPs upload 75%

We continue to work through finalising the quality issues with some of fabricated equipment with many of the issues now closed out. In some instances, remedial works have been required to meet the aspects of the specification and we are working with suppliers as needed to remedy these.

## 9.0 ENVIRONMENTAL

Project Construction Environmental Management Plan continues to be implemented.

## 10.0 INDUSTRIAL RELATIONS

No issues.

## 11.0 DESIGN AND TECHNICAL

Design is 98% complete.

## 12.0 COMMISSIONING

Raw Water Pumps 100%  
Lamella Clarifier – Train one 100%, train two 100%  
Lamella Sludge Pumps 100%  
PLC sequencing 98%  
Instrument Wet Rack 100%  
Sample Pumps 100%  
Filters 100%  
Backwash Pumps 100%  
Washwater Pumps 100%  
Process Water Pumps 100%  
Chemical Dosing 100%  
Clearwater Storage 100%  
Clearwater Pumps 100%  
Plant hydraulic capacity 100%  
Fluoride Dosing 98%

## 13.0 STAKEHOLDERS

The UGL site have continued to engage with other contractors on site as well RWCC staff and construction teams with no issues arising.

## 14.0 SITE PROGRESS



Backwash Pump – Diesel Pump Install



Backwash Pump – Diesel Pump Install



Backwash Pump – Diesel Pump Install



Backwash Pump – Diesel Pump Install



Backwash Pump – Diesel Pump Install



High Lift Pump Re-Install



Lamella Cleaning Slot Install



Lamella Cleaning Slot Install

## APPENDIX A – SCOPE OF WORKS SUMMARY

The project scope of works is to replace the Wagga Wagga Water Treatment Plant (WTP) to provide additional process capacity and asset reliability to produce up to 55ML/day of water for the residents of Wagga Wagga.

The WTP shall be designed to operate at a treated water production rate anywhere between 60 ML/d (695 L/s) and 22 ML/d (255 L/s).

The main treatment process of the WTP shall include coagulation and flocculation, inclined plate clarification, dual media filtration, chlorination, and fluoridation. Process wastewater shall be managed using gravity thickening and mechanical dewatering.

Product water shall be produced to meet the quality requirements of the specification and shall treat the required quality. The project target completion periods are for a design and construction period of 60 weeks, followed by a 10 week commissioning and proving period.

The scope of on-site works for UGL Engineering and its subcontractors as described in the contract are limited to the following;

The new water treatment facility shall consist of the following elements for a new 60ML/d Water Treatment Plant:

- Raw water intake and pumping station. The intake would be constructed within the river. The pumping station would be built on Crown Land adjacent to the WTP on the bank of the Murrumbidgee River to supply raw water to the plant;
- Alum and polymer dosing systems;
- Inclined plate clarifiers (Lamella clarifiers);
- Six dual media filters including backwash pumps and air scour blowers;
- Chlorine storage and dosing system and channel-type static mixer for clear water storage;
- Fluoride dosing system;
- pH correction dosing systems;
- Dewatering building with two new centrifuges to dewater sludge material produced from clarification and filtration during the water treatment process.
- Backwash wastewater collection tank and pumping station for the wastewater produced from the clarification and filtration process;
- Clear water system upgrade including a new 3 ML clear water storage tank and low level and high level pumping stations each fitted with three pumps;
- Electrical works including switch-rooms, automation and control infrastructure, electrical substations and two new 1500kVA transformers;
- Filter wastewater collection sump and transfer pumps;
- Pipework and valves;
- Control room, water testing and analysing facilities;
- Internal access roads;

UGL is responsible for undertaking the detailed design, construction, commissioning, training and handover for aspects of the scope of works above.

UGL will also provide post completion technical support comprising, where necessary some site visits, to assist RWCC in operating and optimising the plant.



## **APPENDIX B – MONTHLY SAFETY REPORT**



## **APPENDIX C – PROJECT PROGRAMME**

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**14. TENDER W.228 FOR THE DESIGN AND CONSTRUCTION OF TWO (2) 11ML LOW LEVEL RESERVOIRS AT WILLANS HILL, WAGGA WAGGA**

**RECOMMENDATION:** That Council consider the report “Tender W.228 for the design and construction of two (2) 11ML Low Level Reservoirs at Willans Hill, Wagga Wagga”, whilst the meeting is closed to the public, as it relates to commercial information the disclosure of which would prejudice the commercial position of the person who supplied it, as prescribed by Section 10A(2)(c) of the Local Government Act 1993.

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**15. TENDER W.229 FOR THE DESIGN AND CONSTRUCTION OF 4.5ML GLENOAK RESERVOIR AT LLOYD**

**RECOMMENDATION:** That Council consider the report “Tender W.229 for the Design and Construction of 4.5ML Glenoak Reservoir at Lloyd”, whilst the meeting is closed to the public, as it relates to commercial information the disclosure of which would prejudice the commercial position of the person who supplied it, as prescribed by Section 10A(2)(c) of the Local Government Act 1993.

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Bede Spannagle  
DIRECTOR OF ENGINEERING

**QUESTIONS & STATEMENTS**

**CLOSURE OF MEETING TO THE PUBLIC**  
**(Confidential Reports)**