



*** AGENDA ***

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GENERAL MANAGER'S REPORT TO THE COUNCIL

16th April 2010

The Chairperson and Councillors:

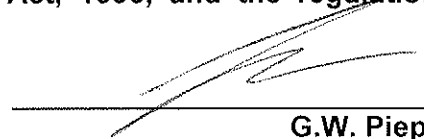
1. FINANCIAL STATEMENTS – LIST OF INVESTMENTS

In accordance with the provisions of Clause 19(3) of the Local Government (Financial Management) Regulation 1993, I report details of the Council's external investments as at:

FINANCIAL INSTITUTION	ORIGINAL INVESTMENT	
	Face Value	Interest Rate
	\$	%
(i) 28th February 2010:		
<u>NSW Treasury</u> at Call	\$1,717,412	5.25 %
<u>Local Government Financial Service</u> I.B. Deposit maturing 31/3/2010	\$2,420,649	5.10 %
<u>Wagga Mutual Credit Union Ltd</u> I.B. Deposit maturing 18/6/2010	\$1,000,000	5.5%
<u>Westpac Banking Corporation</u> I.B. Deposit maturing 15/12/2010	\$1,000,000	6.8%
(ii) 31st March 2010:		
<u>NSW Treasury</u> at Call	\$3,035,023	3.26%
<u>Local Government Financial Service</u> I.B. Deposit maturing 30/4/2010	\$2,429,550	4.42%
<u>Wagga Mutual Credit Union Ltd</u> I.B. Deposit maturing 18/6/2010	\$1,000,000	5.5%
<u>Westpac Banking Corporation</u> I.B. Deposit maturing 15/12/2010	\$1,000,000	6.8%

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.


G.W. Pieper
GENERAL MANAGER

RECOMMENDED that the report detailing Council's external investments for the months of February and March 2010 be received.

2. FINANCIAL STATEMENT - FUND POSITION AS AT 31ST MARCH 2010

The Statement of the Financial Position as at 31st March 2010 is submitted for examination by the Council (refer pages 3 to 12).

The anticipated operating result for 2009/2010 is a surplus of \$3,317,000. The original estimate operating result was for surplus of \$4,190,000.

Notes on Operating Statements:

Working & Maintenance

- Increase in staff numbers.

Revenues:

User Charges

- Reduction in water usage as a result of water target campaign.

Contribution

- Increase in urban residential subdivisions and increase in rural mains extensions.

RECOMMENDED that the Statement of the Financial Position as at 31st March 2010 be received.

AS AT 30TH JUNE, 2010

RIVERINA WATER COUNTY COUNCIL
OPERATIONS STATEMENT- A. Expenses & Revenues

OPERATIONS			\$'000	\$'000	\$'000	\$'000	\$'000
A. EXPENSES & REVENUES			Budget	Actual	Anticipated	Forecast	Variance
Expenses	Notes		2009/2010	31st Mar'10	Remainder of Year	2009/2010	
Management			2,660	1,797	948	2,745	85
- Administration	1		1,905	1,290	683	1,973	68
- Engineering & Supervision			755	507	265	772	17
Operations			5,950	3,991	2,189	6,180	230
- Purchase of Water			60	58	32	90	30
- Working Exp & Maintenance	2		3,530	2,320	1,334	3,654	124
- Energy Costs			1,710	1,240	600	1,840	130
- Chemical Costs			650	373	223	596	(54)
Depreciation			4,337	3,151	1,051	4,202	(135)
- System Assets			3,482	2,518	839	3,357	(125)
- Plant & Equipment			855	633	212	845	(10)
Miscellaneous			1,732	1,326	444	1,770	38
- Interest on loans			0	0	0	0	0
- Other			1,732	1,326	444	1,770	38
Total Expenses			14,679	10,265	4,632	14,897	218
Revenues							
Rates & Service Avail Charges			2,698	2,025	675	2,700	2
- Residential			2,384	1,789	597	2,386	2
- Commercial			254	191	63	254	0
- Industrial							
- Other			60	45	15	60	0
User Charges			13,871	8,335	5,093	13,428	(443)
- Sales of Water : Residential			8,765	6,069	2,671	8,740	(25)
- Sales of Water : Commercial			4,628	1,897	2,223	4,120	(508)
- Sales of Water : Industrial							
- Sales of Water : Other			478	369	199	568	90
Interest			100	130	40	170	70
Other Revenues			490	658	134	792	302
Grants			210	157	53	210	0
- Acquisition of Assets			0	0	0	0	0
- Other			210	157	53	210	0
Contributions			600	1,585	175	1,760	1,160
- Developer Charges			600	1,585	175	1,760	1,160
- Developer Provided Assets			0	0	0	0	0
Total Revenues			17,969	12,890	6,170	19,060	1,091
Gain or Loss on Assets Disposal			27	0	27	27	0
Operating Result			3,317	2,625	1,565	4,190	873
Operating Result (less Grants for Acq of Assets)			3,317	2,625	1,565	4,190	873
Ave Residential Bills			412			406	
No of Residential Assessments			27,077			27,419	

RIVERINA WATER COUNTY COUNCIL

OPERATIONS STATEMENT- A. Expenses & Revenues

NOTES TO THE ACCOUNTS

Note 1	\$'000 Budget 2009/2010	\$'000 Actual 31st Mar'10	\$'000 Anticipated Remainder of Year	\$'000 Forecast 2009/2010	\$'000 Variance
Management - Administration					
Depot & Waterworks Administration	150	164	56	220	70
Admin, Expenses, Salaries	550	333	201	534	(16)
Meter Reading	155	103	52	155	0
Bank Charges	30	16	8	24	(6)
Councillor's Fees	72	38	34	72	0
Audit Fees	30	0	30	30	0
Consulting Fees	50	34	16	50	0
Rates	55	50	5	55	0
Sundries	362	195	167	362	0
Insurances (Unallocable)	120	108	8	116	(4)
Printing & Stationery	80	58	30	88	8
Telephones	87	59	28	87	0
Postage	69	39	26	65	(4)
IT Costs	75	84	11	95	20
Training & Administration	20	9	11	20	0
TOTAL ADMINISTRATION	1,905	1,290	683	1,973	68
Note 2	\$'000 Budget 2009/2010	\$'000 Actual 31st Mar'10	\$'000 Anticipated Remainder of Year	\$'000 Forecast 2009/2010	\$'000 Variance
Operations - Working Exp & Maintenance					
Services & Meters M & R	408	274	134	408	0
Tools & Equipment M & R	70	28	28	56	(14)
Sundries	48	27	18	45	(3)
Stand-down Time - award allowances	90	71	28	99	9
Pumping Stations M & R	562	320	242	562	0
Reservoirs M & R	70	38	24	62	(8)
Systems Operations	1,035	761	269	1,030	(5)
Mains M & R	600	528	222	750	150
Residences M & R	8	2	6	8	0
Building & Ground Maintenance	310	196	109	305	(5)
Training	329	75	254	329	0
TOTAL WORKING EXP & MAINTENANCE	3,530	2,320	1,334	3,654	124

AS AT 30TH JUNE, 2009

RIVERINA WATER COUNTY COUNCIL
OPERATIONS STATEMENT- B. Capital Transactions

OPERATIONS	\$'000	\$'000
B. CAPITAL TRANSACTIONS	Budget	Forecast
Non-Operating Expenditures	2009/2010	2009/2010
Acquisition of Fixed Assets	12045	9401
- Subsidised Capital Works	0	0
- Other Infrastructure	9470	6631
- Plant & Equipment	2575	2770
Repayment of Debt	0	0
Transfer to Sinking Fund		
Total Non-Operating Expenditures	12045	9401
Non-Operating Funds Employed		
Plant & Equipment Sold	364	364
Borrowing Utilised		
Transfer from Sinking Fund		
Total Non-Operating Income	364	364

**RIVERINA WATER COUNTY COUNCIL
STATEMENT OF FINANCIAL POSITION
as at 30 June 2010**

	Budget 2009/2010 \$'000	Forecast 2009/2010 \$'000
CURRENT ASSETS		
Cash on hand and at bank	50	50
Investments	1,325	6,377
Receivables	1,630	2,292
Inventories	1,095	1,133
Other - Prepayments		
TOTAL CURRENT ASSETS	<u>4,100</u>	<u>9,852</u>
CURRENT LIABILITIES		
Bank overdraft		
Creditors	260	260
Provisions	929	1,449
Borrowings	0	
TOTAL CURRENT LIABILITIES	<u>1,189</u>	<u>1,709</u>
NET CURRENT ASSETS	2,911	8,143
NON-CURRENT ASSETS		
Property, Plant and Equipment	164,168	156,454
Intangibles	3,479	3,608
TOTAL NON-CURRENT ASSETS	<u>167,647</u>	<u>160,062</u>
NON-CURRENT LIABILITIES		
Provisions	1,260	1,773
Borrowings		
TOTAL NON-CURRENT LIABILITIES	<u>1,260</u>	<u>1,773</u>
NET ASSETS	<u>169,298</u>	<u>166,432</u>
EQUITY		
Accumulated surplus	62,933	64,654
Asset revaluation reserve	106,365	101,778
TOTAL EQUITY	<u>169,298</u>	<u>166,432</u>

RIVERINA WATER COUNTY COUNCIL

STATEMENT OF CASH FLOWS

for the year ended 30th June, 2010

		\$'000	\$'000
		Budget	Forecast
		2009/2010	2009/2010
CASHFLOWS FROM OPERATING ACTIVITIES	Notes		
Receipts from user charges & rates		16,569	16,128
Interest received		100	170
Grants provided by Government		210	210
Contributions and donations		600	1,760
Other receipts		490	792
Payments to employees		(5,172)	(5,172)
Payment for materials/contracts		(362)	(362)
Payments of Interest		0	0
Other payments		(5,829)	(5,734)
Net cash provided by (or used in) operating activities	(b)	<u>6,606</u>	<u>7,792</u>
CASH FLOWS FROM INVESTING ACTIVITIES			
Proceeds from sale of investments			
Proceeds from sale of property, plant and equipment		365	365
Purchase of investments			
Purchase of property, plant and equipment		(12,045)	(9,401)
Net cash provided by (or used in) investing activities		<u>(11,680)</u>	<u>(9,036)</u>
CASHFLOWS FROM FINANCING ACTIVITIES			
Proceeds from loans			
Proceeds from advances			
Reduction of loan liabilities		0	0
Reduction of liabilities for advances			
Reduction of finance lease liabilities			
Payment of Contract			
Net cash provided by (or used in) financing activities		<u>0</u>	<u>0</u>
Net increase/(decrease) in cash held		(5,074)	(1,244)
Cash at beginning of reporting period		6,449	7,671
Cash at end of reporting period	(a)	<u>1,375</u>	<u>6,427</u>

NOTES TO CASH FLOW STATEMENT

(a) Reconciliation of Cash

For the purposes of the statement of cash flows, cash includes cash on hand and "at call" deposits with other financial institutions. Term deposits of 90 days or less are also included. Cash at the end of the financial year as shown in the statement of cash flows is reconciled to the related items in the balance sheet as follows:

	\$'000	\$'000
	Budget	Forecast
	2009/2010	2009/2010
Cash on Hand and at Bank	50	50
Deposits at Call	1,325	6,377
Less Bank Overdraft		
Balances as per statement of cash flows	1,375	6,427

(b) Reconciliation of Change in Net Assets to Cash Inflow/Outflow from Operating Activities

	\$'000	\$'000
	Budget	Forecast
	2009/2010	2009/2010
Change in net assets after operations	3,317	4,190
Add: Depreciation and amortisation	4,337	4,202
Provision for doubtful debts		
Increase in leave employee entitlements		
Decrease in receivables		
Decrease in inventories		
Decrease in other current assets		46
Increase in creditors		
Increase in accrued interest payable		
Increase in other current liabilities		
Loss on sale of assets		
Less: Decrease in Employee Leave Entitlement	1,021	15
Increase in receivables		
Increase in inventories		
Increase in other current assets		
Decrease in creditors		604
Decrease in accrued interest payable		
Gain on sale of assets	27	27
Net Cash provided by (used in) operating activities	6,606	7,792

AS AT 30TH JUNE, 2010

**RIVERINA WATER URBAN
OPERATIONS STATEMENT- A. Expenses & Revenues**

OPERATIONS			\$'000	\$'000	\$'000	\$'000	\$'000
A. EXPENSES & REVENUES			Budget	Actual	Anticipated	Forecast	Variance
Expenses	Notes		2009/2010	31st Mar'10	Remainder of Year	2009/2010	
Management			1,980	1,330	719	2,049	69
- Administration	1		1,452	975	534	1,509	57
- Engineering & Supervision			528	355	185	540	12
Operations			4,308	2,812	1,618	4,430	122
- Purchase of Water			0	0	0	0	0
- Working Exp & Maintenance	2		2,440	1,533	967	2,500	60
- Energy Costs			1,368	992	480	1,472	104
- Chemical Costs			500	287	171	458	(42)
Depreciation			2,429	1,764	589	2,353	(76)
- System Assets			1,950	1,410	470	1,880	(70)
- Plant & Equipment			479	354	119	473	(6)
Miscellaneous			1,212	928	311	1,239	27
- Interest on loans			0	0	0	0	0
- Other			1,212	928	311	1,239	27
Total Expenses			9,929	6,834	3,237	10,071	142
Revenues							
Rates & Service Avail Charges			2,117	1,587	530	2,117	0
- Residential			1,895	1,421	474	1,895	0
- Commercial			188	141	47	188	0
- Industrial							
- Other			34	25	9	34	0
User Charges			11,103	6,454	4,265	10,719	(384)
- Sales of Water : Residential			6,760	4,722	2,110	6,832	72
- Sales of Water : Commercial			4,294	1,707	2,097	3,804	(490)
- Sales of Water : Industrial							
- Sales of Water : Other			49	25	58	83	34
Interest			73	95	30	125	52
Other Revenues			356	480	98	578	222
Grants			166	125	41	166	0
- Acquisition of Assets			0			0	0
- Other			166	125	41	166	0
Contributions			600	1,480	150	1,630	1,030
- Developer Charges			600	1,480	150	1,630	1,030
- Developer Provided Assets							
Total Revenues			14,415	10,221	5,114	15,335	920
Gain or Loss on Assets Disposal			25	0	25	25	0
Operating Result			4,511	3,387	1,902	5,289	778
Operating Result (less Grants for Acq of Assets)			4,511	3,387	1,902	5,289	778
Ave Residential Bills			391			391	
No of Residential Assessments			22,132			22,343	
Ave Residential Consumption			330			330	

RIVERINA WATER URBAN

OPERATIONS STATEMENT- A. Expenses & Revenues

NOTES TO THE ACCOUNTS

Note 1	\$'000	\$'000	\$'000	\$'000	\$'000
	Budget	Actual	Anticipated	Forecast	Variance
Management - Administration	2009/2010	31st Mar'10	Remainder of Year	2009/2010	
Depot & Waterworks Administration	119	130	44	174	55
Admin, Expenses, Salaries	434	263	159	422	(12)
Meter Reading	122	82	40	122	0
Bank Charges	22	12	6	18	(4)
Councillor's Fees	57	30	27	57	0
Audit Fees	24	0	24	24	0
Consulting Fees	39	27	12	39	0
Rates	28	25	3	28	0
Sundries	286	154	132	286	0
Insurances (Unallocable)	60	54	4	58	(2)
Printing & Stationery	63	46	24	70	7
Telephones	69	47	22	69	0
Postage	54	31	20	51	(3)
IT Costs	59	66	9	75	16
Training & Administration	16	8	8	16	0
TOTAL ADMINISTRATION	1,452	975	534	1,509	57

Note 2	\$'000	\$'000	\$'000	\$'000	\$'000
	Budget	Actual	Anticipated	Forecast	Variance
Operations - Working Exp & Maintenance	2009/2010	31st Mar'10	Remainder of Year	2009/2010	
Services & Meters M & R	322	216	106	322	0
Tools & Equipment M & R	51	20	21	41	(10)
Sundries	44	25	17	42	(2)
Stand-down Time - award allowances	83	65	25	90	7
Pumping Stations M & R	415	234	181	415	0
Reservoirs M & R	30	16	10	26	(4)
Systems Operations	631	457	170	627	(4)
Mains M & R	306	269	114	383	77
Residences M & R	2	1	1	2	0
Building & Ground Maintenance	254	161	89	250	(4)
Training	302	69	233	302	0
TOTAL WORKING EXP & MAINTENANCE	2,440	1,533	967	2,500	60

AS AT 30TH JUNE, 2010

**RIVERINA WATER NON URBAN
OPERATIONS STATEMENT- A. Expenses & Revenues**

OPERATIONS			\$'000	\$'000	\$'000	\$'000	\$'000
A. EXPENSES & REVENUES			Budget	Actual	Anticipated	Forecast	Variance
Expenses	Notes		2009/2010	31st Mar'10	Remainder of Year	2009/2010	
Management			680	467	229	696	16
- Administration	1		453	315	149	464	11
- Engineering & Supervision			227	152	80	232	5
Operations			1,642	1,179	571	1,750	108
- Purchase of Water			60	58	32	90	30
- Working Exp & Maintenance	2		1,090	787	367	1,154	64
- Energy Costs			342	248	120	368	26
- Chemical Costs			150	86	52	138	(12)
Depreciation			1,908	1,387	462	1,849	(59)
- System Assets			1,532	1,108	369	1,477	(55)
- Plant & Equipment			376	279	93	372	(4)
Miscellaneous			520	398	133	531	11
- Interest on loans			0	0	0	0	0
- Other			520	398	133	531	11
Total Expenses			4,750	3,431	1,395	4,826	76
Revenues							
Rates & Service Avail Charges			581	438	145	583	2
- Residential			489	368	123	491	2
- Commercial			66	50	16	66	0
- Industrial							
- Other			26	20	6	26	0
User Charges			2,768	1,881	828	2,709	(59)
- Sales of Water : Residential			2,005	1,347	561	1,908	(97)
- Sales of Water : Commercial			334	190	126	316	(18)
- Sales of Water : Industrial							
- Sales of Water : Other			429	344	141	485	56
Interest			27	35	10	45	18
Other Revenues			134	178	36	214	80
Grants			44	32	12	44	0
- Acquisition of Assets			0			0	0
- Other			44	32	12	44	0
Contributions			0	105	25	130	130
- Developer Charges			0	105	25	130	130
- Developer Provided Assets							
Total Revenues			3,554	2,669	1,056	3,725	171
Gain or Loss on Assets Disposal			2	0	2	2	0
Operating Result			(1,194)	(762)	(337)	(1,099)	95
Operating Result (less Grants for Acq of Assets)			(1,194)	(762)	(337)	(1,099)	95
Ave Residential Bills			504			473	
No of Residential Assessments			4,945			5,076	
Ave Residential Consumption			409			402	

RIVERINA WATER NON URBAN OPERATIONS STATEMENT- A. Expenses & Revenues

NOTES TO THE ACCOUNTS

Note 1	\$'000	\$'000	\$'000	\$'000	\$'000
	Budget	Actual	Anticipated	Forecast	Variance
Management - Administration	2009/2010	31st Mar'10	Remainder of Year	2009/2010	
Depot & Waterworks Administration	31	34	12	46	15
Admin, Expenses, Salaries	116	70	42	112	(4)
Meter Reading	33	21	12	33	0
Bank Charges	8	4	2	6	(2)
Councillor's Fees	15	8	7	15	0
Audit Fees	6	0	6	6	0
Consulting Fees	11	7	4	11	0
Rates	27	25	2	27	0
Sundries	76	41	35	76	0
Insurances (Unallocable)	60	54	4	58	(2)
Printing & Stationery	17	12	6	18	1
Telephones	18	12	6	18	0
Postage	15	8	6	14	(1)
IT Costs	16	18	2	20	4
Training & Administration	4	1	3	4	0
TOTAL ADMINISTRATION	453	315	149	464	11
Note 2	\$'000	\$'000	\$'000	\$'000	\$'000
	Budget	Actual	Anticipated	Forecast	Variance
Operations - Working Exp & Maintenance	2009/2010	31st Mar'10	Remainder of Year	2009/2010	
Services & Meters M & R	86	58	28	86	0
Tools & Equipment M & R	19	8	7	15	(4)
Sundries	4	2	1	3	(1)
Stand-down Time - award allowances	7	6	3	9	2
Pumping Stations M & R	147	86	61	147	0
Reservoirs M & R	40	22	14	36	(4)
Systems Operations	404	304	99	403	(1)
Mains M & R	294	259	108	367	73
Residences M & R	6	1	5	6	0
Building & Ground Maintenance	56	35	20	55	(1)
Training	27	6	21	27	0
TOTAL WORKING EXP & MAINTENANCE	1,090	787	367	1,154	64

3. MANAGEMENT PLAN - PERFORMANCE TARGETS

In accordance with the provisions of Section 407 of the Local Government Act 1993. I report to Council the progress achieved in the year for the various objectives set out in the 2009/2010 Management Plan.

	2009/2010		Exp to date \$'000	Progress as at 31 st March 2010
	Wagga Urban \$'000	Townships & Rural \$'000		
LAND AND BUILDINGS				
Administration Office	60		0	Completed planning to accommodate project and IT staff.
Depot buildings	60	25	64	Work on The Rock pipe racks in progress. Refit of Depot meter room commenced.
West Wagga - Bulk Chlorine Storage	30		0	Not commenced (awaiting Master plan of site)
Waterworks, new workshops	700		0	Not commenced, subject to revision of site. Master plan adopted February 2010.
Access, parking, landscaping	55	35	0	As required.
Environmental works (incl. Marshalls Creek and fuel tanks at The Rock and Wagga)	38		114	Continued environmental improvements of Marshalls Creek.
Depot Residence	5		0	As required
Sub-total Land and Buildings	948	60	178	
MAINS AND SERVICES				
Routine work on annual program	60	20	119	Routine work.
System improvements	310	70	49	As required. (non-specific)
Reticulation Mains extensions	100	30	319	Extensions completed in Dobney Avenue, Olympic Hwy, Holbrook and Woomargama
Reticulation etc for developers	310	20	427	High rate of development with extensions completed at Bourkelands, Boorooma, Estella and Hilltop.
Trunk mains extensions	1280		97	Red Hill Rd route selected, design substantially completed.
Piping Urana Channel		700	125	Tenders for power connection awarded and work commenced.
Service connections, new	300	30	290	On target.
TOTAL NEW WORKS	2360	870	1426	
Renew reticulation mains	300	150	746	Substantial replacements completed in Hammond Avenue and Dobney Avenue. The Gap uPVC failures further investigated
Renew trunk mains	500	100	35	Field monitoring and network modelling well advanced. Focus has been on reticulation renewals.
New Services	120	30	208	Road crossings for high rate of development completed.
Renew services	120	30	98	On target.
TOTAL RENEWALS	1040	310	1087	
Sub-total Mains and Services	3400	1180	2513	

		2009/2010		Exp to date \$'000	Progress as at 31 st March 2010
		Wagga Urban \$'000	Townships & Rural \$'000		
RESERVOIRS					
	Other New reservoirs (Red Hill, Springvale, Forest Hill, Shires)	1280	445	5	Red Hill reservoir earthworks tenders awarded and reservoir tenders called.
	Reservoirs, protective treatments	20	70	0	Not commenced
	Reservoirs, refurbish		30	0	Not commenced
	Reservoirs, upgrade ladders and access	35	40	10	Internal ladders for The Rock and Wagga CWS acquired.
	Reservoirs, control valves and systems	15	45	30	Completed Henty Balance Tank control valve replacement
Sub-total Reservoirs		1350	630	45	
PUMP STATIONS AND BORES					
	Pump stations, General Improvements	35		11	On track
	Pump stations, flow recorders	55	50	24	Uranquinty Res. Installation of inlet & outlet magflow completed.
	Renew Pumps, Motors & Switchboards	190	145	161	North Wagga High lift switchboards 1&2 completed. New switchboard acquired for Mountain View Res.
	Upgrade pumps/additional pumps	470	40	14	Planning work progressed on West Wagga augmentation.
	Refurbish pipework/fittings/structures	50		0	On going
	Bores renew/refurbish/Decommission	255	205	466	Ralvona Bore 1 – Redrill completed, new pump and motor installed and commissioned
Sub-total Pump Stations and Bores		1055	440	676	
TREATMENT PLANTS					
	Treatment plants, general improvements, Wagga	160	70	148	Replaced Waterworks raw water No.7 pipework and control valve. Completed repairs to Waterworks raw suction main between well and river jetty. Commenced upgrade to The Rock chlorination plant.
	Treatment plants, Safety Equipment	20	5	23	Continuing 12 month trial Lone-Worker system
	Specific Treatment Plant Improvements		200	196	Tarcutta WTP fully commissioned. Aeration Towers and scaffolding removed from site.
	Treatment plants, refurbish (incl. Urana, Morundah)	30	210	0	On going – Waterworks DAF trial. Flocculation tank purchased & installed for DAF pilot plant.
Sub-total Treatment Plants		410	485	367	
SOURCE WORKS					
	IWCM	150		60	Evaluation Study completed.
Sub-total Source Works		150		60	
METERS					
	Water meters, replacement/upgrade	100	45	29	On target.
	Water meters, routine replacements	100	20	398	4,272 meters replaced in program this financial year. 77% of replace. program completed in past 6 years.
	Water meters, additional (new services)	20	5	20	As required
	Remote metering	10	40	70	New hand-held units, software and meters purchased.

	2009/2010		Exp to date \$'000	Progress as at 31 st March 2010
	Wagga Urban \$'000	Townships & Rural \$'000		
Sub-total Meters	230	110	517	
PLANT & EQUIPMENT				
Information Technology, upgrade	280		118	Ongoing - Routine PC replacements, and Authority Managed services
Office furniture and equipment	25	5	0	As required
Working plant and vehicles-purchases-GROSS	1690		468	Backhoe and excavator tenders closed and awarded.
Fixed plant/ tools/ equipment	100	10	26	As required – sundry signs, apprentices tools, 4T vehicle hoist
SCADA system, upgrades	175		81	Completed SCADA Strategy Report Commenced upgrade to North Wagga telemetry and pump control systems.
CAD/GIS/Asset management system	100		18	As required
Communications equipment	40		11	Ongoing
Laboratory Equipment	10	10	8	Ongoing
Sub-total Plant & Equipment	2420	25	730	
TOTALS	9963	2930	5086	
GRAND TOTALS - WAGGA & RURAL	12893			

Services

Strategies / Actions	Progress to 31 st March 2010
- Regularly monitor urban and village growth, and augment supply as required in line with ten year plan, and current needs	Customer needs met
- Maintain network analysis of Wagga urban water system	Consultants completed model and ready for hand-over.
- Maintain the water supply infrastructure in good working order.	Some but infrequent breakdowns.
- Monitor the operation of the water supply system to ensure continuity of supply.	Continuity of supply maintained.
- Reinforce throughout the organisation that we are customer orientated.	Responses have been timely.
- Maintain a request and complaint handling system that ensures both attention to the request and advice of action taken or to be taken.	
- Use customer news sheets to disseminate information to customers.	Numerous media outlets used to advise customers on demand management. Senior staff have attended a number of meetings including Mangoplah Residents meeting, Probus, Master Plumbers.
- Utilise the local media when appropriate to increase awareness within the community.	
- Meet with sectional or interest groups or invite them to meet with us to communicate and receive feedback on relevant issues.	
- Increase inspection and documentation of consumer pipework where there is potential for contamination from backflow.	Required protection devices in use.

Asset Replacement

Strategies / Actions	Progress to 31 st March 2010
Develop and maintain a rolling replacement plan for all assets with review every 3 years.	Replacement program documented and is being executed.
Identify potential system capacity deficiencies and incorporate in capital works programme.	Monitoring, pressure testing and failure analysis undertaken..
Maintain water network analysis programme to identify timetable of system improvements and extensions.	Network model calibrated and run.
Utilise Asset Register and associated technology and pipeline breakage history to determine the timing of mains replacement to minimise over all costs.	Pipe break definitions improved in reports.

Human Resources

Goals

Riverina Water's OH&S goal for 2009/2010 is **ZERO HARM AT WORK – to be achieved through eliminating unsafe behaviours and/or conditions** which will result in providing a safe workplace and systems of work. Our aim over the period 1st July 2009 to 30th June 2010 is to implement the following strategies to achieve the overall objective / goal for this 12-month period.

Objectives	Means of achieving	Target / Measure
Continue promotion of responsibilities within the OHS Management System	<ul style="list-style-type: none"> Promote OHS responsibilities to Management, Supervisors & employees through utilisation of "Expectation checklists" during face-to-face discussion groups. 	All individuals within the organisation fully aware of their responsibilities in relation to safety & actively undertaking their safety role.
Provide effective staff support	<ul style="list-style-type: none"> Provide on-going promotion of Riverina Water's 'Employee Assistance Program' that provides free professional counselling to staff and their immediate families Promote usage of Progressive Disciplinary & Grievance Procedure 	<p>In house promotion in Safety Newsflash articles Self referral to counselling service (verified by quarterly report from provider)</p> <p>More timely & effective resolution of conflict. Use Work Improvement Notice (WIN) for non compliance issues if direct contact with employee does not resolve unacceptable behaviour or actions.</p>
Improve Communication and Consultation	<ul style="list-style-type: none"> Continue promotion of "Take & Break & Talk Safety" & incentive by way of rewards (i.e. Kit Kats / Fruit / Luncheon) to teams who engage the OHS Coordinator during their team discussion OHS Coordinator to receive & record team meeting sheets Quarterly meetings involving Dept. Managers and their respective work teams. 	<p>Monthly meetings held with all work teams with documented evidence being provided by Supervisors.</p> <p>Outstanding issues raised discussed with management & outcomes reached with feedback directly to the work team within a reasonable time frame.</p> <p>Diary or other appropriate recording of meetings with timely feedback to employees on raised issues.</p>

Develop a Rewards Program to improve Safety Culture & increase active participation by all work teams	<ul style="list-style-type: none"> • Develop, implement, review & monitor a rewards program. Focus on safe behaviours, reward & encourage attendance at meetings etc. 	<p>Improved morale. Improved safety culture. Reduction in unsafe behaviours or conditions which in turn will result in a reduction in the number of injuries.</p>
Continue on-going OHS training of new & existing staff	<ul style="list-style-type: none"> • Undertake inductions of new staff. • Continue internal and external training programs for staff. • As procedures/SWMS are released, appropriate training or instruction is given. 	<p>Induction & review of all new staff (evidence available through completion of Individual Induction Booklets).</p> <p>Annual training plan in place and skills gap analysis.</p> <p>Training record sheets received & skills database updated.</p>
Continue to monitor OH&S compliance	<ul style="list-style-type: none"> • OH&S Coordinator to undertake onsite work visits, provide advice and feedback. • Accident investigation & reporting, ergonomics, manual handling & risk management monitoring 	<p>Areas in need of improvement & areas for recognition reported to Management.</p> <p>Management to act and communicate outcomes and feedback back to staff.</p>
Develop & Review Safe Work Procedures	<ul style="list-style-type: none"> • Review, reformat & consolidate existing SWMS • Ongoing review of OHS Policies & procedures with a view to their effectiveness and legal compliance 	<p>Up to date supervisor manuals.</p> <p>Review all current policies/procedures within 12 months</p>
Develop & complete an annual CIAP (Continuous Improvement Action Plan)	<ul style="list-style-type: none"> • Develop CIAP in consultation with Senior Management following annual OHS audits <ul style="list-style-type: none"> - Internal audits - StateCover Self Evaluation Tool 	<p>CIAP developed & progress made on required actions. All outstanding CIAP items addressed.</p> <p>>95% evaluation result</p>
Identification of hazards & elimination/reduction of risks	<ul style="list-style-type: none"> • Workplace inspections to be undertaken every 4-6 months • Timely reporting of accident/incidents/near misses • Hazard register in place 	<p>Inspection schedules up to date. Identified issues controlled within an appropriate time frame.</p> <p>All reports received within the required timeframes</p> <p>Interim controls in place immediately, permanent controls considered, reviewed 6 monthly by management. Feedback to be given to staff.</p>

Environmental Protection

Strategies / Actions	Progress to 31 st March 2010
Water returned to the environment from the filtration plant will be monitored for quality.	EPA standards achieved.
All field work-sites will be protected and restored to eliminate degradation.	No soil loss or siltation. Vegetation restored.
Soiled water from Urban field site works will be returned for proper disposal.	No soiled water entering town drainage systems.
Electrical efficiency will be considered in infrastructure design.	Electrical efficiency taken into account.
Marshalls Creek environmental project to restore native vegetation and protect creek bed.	Native vegetation restored. Stable creek bed.
Unaccounted for water measured wherever possible, and identified losses reduced. Early detection and repair of leaks.	Percentage of water unaccounted for is low. Sign up to LGSA Water Loss program.
Participation in joint activities.	Group outcomes.
Co-operation with other Councils in effluent re-use.	Increased re-use where appropriate.
Water pricing that gives incentive to avoid waste, coupled with customer education and information.	Two part tariff achieved.
Encourage and advise on possible water saving devices.	Consumption being monitored.
Decommission of Bores	Promotions in progress..
	Decommissioned as per DWE guidelines.

Financial Revenue

Strategies / Actions	Progress to 31 st March 2010
Stepped tariff, with a differential applying between Wagga Wagga & Rural, subject to some concession for large year round users.	Stepped pricing applied.
New capital works are to continue to require capital contributions from developers. Specific works will be at full cost to the developer while headworks will be partly developer and partly water sales funded, as per the Development Servicing Plan	Funding balance achieved.

RECOMMENDED that the report detailing the progress achieved towards the various objections set out in the 2009/2010 Management Plan be noted and received.

4. LOCAL GOVERNMENT & SHIRES ASSOCIATION OF NSW – 2010 WATER MANAGEMENT CONFERENCE

The Local Government & Shires Association's Water Management Committee has advised that the 2010 Conference will be held at Orange, 12th to 14th September, 2010 and hosted by Orange City Council. The Conference will explore the changing landscape of water management and its implications for Local government.

The program structure will include a number of key note speakers, the water managers' forum, a local field trip, workshops on current issues and trade displays of industry products and government agencies.

The conference is of benefit to Council as a way of keeping up with changes and networking with other Councils.

The 2009 Conference was held in Deniliquin with the Deputy Chairman attending as Council's delegate and the General Manager and Director of Engineering attending as observers.

It is **RECOMMENDED** that:

- (a) Council be represented at the Local Government & Shires Association 2010 Water Management Conference;
- (b) the Chairman or his nominee attend as a delegate;
- (c) nominations of other delegates to attend be called; and
- (d) the General Manager and Director of Engineering or their nominees attend as observers.

5. GOODS AND SERVICES TAX (GST) – COMPLIANCE REQUIREMENTS

Council has been required to have an independent GST review undertaken and a GST Audit Review Report prepared by our auditor and lodged with the Department of Local Government. This requirement has now changed with the approach being for Council to supply a Certificate of Confirmation to the Department in place of the Audit Review Report. The Certificate is required to be signed by the Chairperson, General Manager, another Councillor and the responsible accounting officer.

The change has been introduced to reduce costs to Council, with the Certificate due by 1st June, each year.

RECOMMENDED that the Chairperson and Deputy Chairperson be authorised to sign the Certificate of Compliance with Goods and Services Tax requirements.

6. MEETING DATES

Council meeting dates are the fourth Wednesday of February, April, June, August and October, with the December meeting being held on the same day as Staff Christmas Gathering.

The remaining scheduled dates for 2010 are:

23rd June
25th August
27th October
10th December

The meeting date for October coincides with the Local Government Association of NSW Annual Conference (24th – 27th October) and Pipes Wagga Wagga Conference (27th – 29th October). It would be beneficial in changing our meeting date as Wagga Wagga City Council is a member of the Local Government Association and may have some of our Councillors attending the Conference. Council is a joint sponsor of the Pipes Wagga Wagga Conference which will have staff and Councillors attending.

A request has also been received for consideration of changing August meeting date.

RECOMMENDED that:

- (i) Council's October meeting be held on Wednesday 20th October, 2010, and
- (ii) discussion on meeting date for August be held.

7. SHIRES ASSOCIATION OF NSW – “G” DIVISION ANNUAL CONFERENCE

The Shires Association of NSW “G” Division Annual Conference was held on Thursday 25th March, 2010 at the Wagga RSL Club and attended by Chairperson Clr. Rod Kendall and General Manager.

Wagga Wagga City Council Mayor Kerry Pascoe welcomed the delegates, Clr. Bruce Miller provided his presidents address, included in his address was the following:

- The possibility of one association for Local Government and Shires Association has been put back on the table with a discussion paper to be issued prior to the Shires Association Conference in June. A special meeting of the Shires Association will be held on 6th and 7th July 2010 to further explore the discussion paper.
- Continued push to have Local Government recognised as part of the Australian Constitution.
- No progress in respect to the Local Government Water and Sewerage inquiry.
- Shires Association to provide input into the Murray-Darling Basin water process.

Member for Riverina Kay Hull also addressed the conference on her achievements in the Riverina and Women in Local Government.

Council's motions put to the Conference where adopted and now will be included for consideration at the Shires Association Annual Conference.

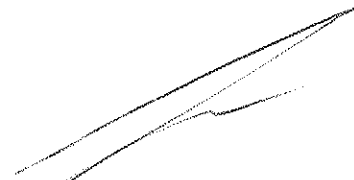
Submitted for the Council's information.

RECOMMENDED that the information be received and noted.

8. DRAFT MANAGEMENT PLAN & BUDGET 2010/2011

The draft Management Plan and Budget that follows in this report for the period 1st July 2010 to 30th June 2011 is submitted for the Council's consideration.

RECOMMENDED that in accordance with Section 405, Local Government Act, 1993 the draft Management Plan be placed on public exhibition; and, that it be on display at the Administrative Headquarters, Hammond Avenue, Wagga Wagga.



G.W. Pieper
GENERAL MANAGER

**DIRECTOR OF ENGINEERING'S REPORT
TO THE GENERAL MANAGER**

FOR DISTRIBUTION TO COUNCILLORS

13th March 2010

THE WORKS REPORT COVERING FEBRUARY 2010

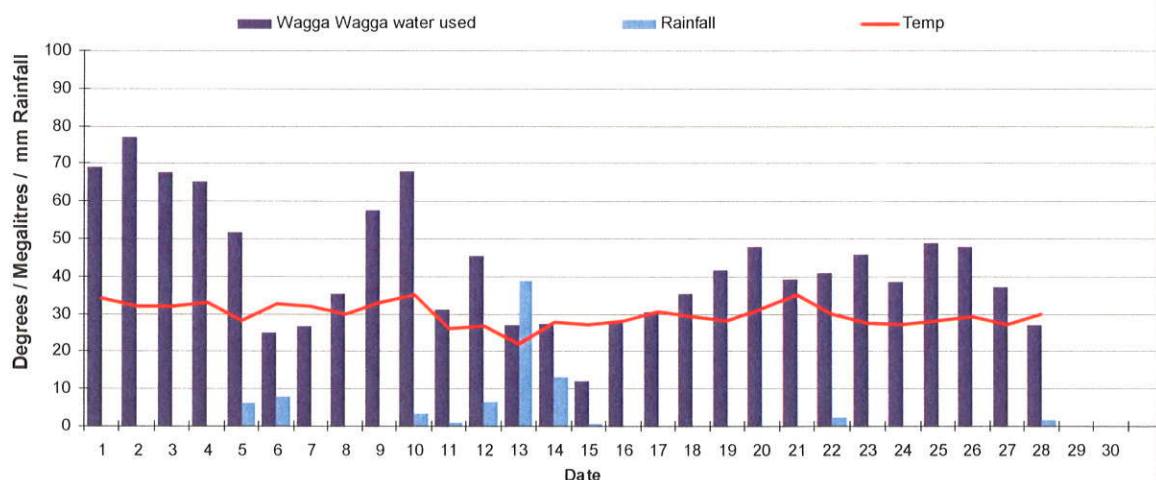
1. WATER SOURCED AND USED

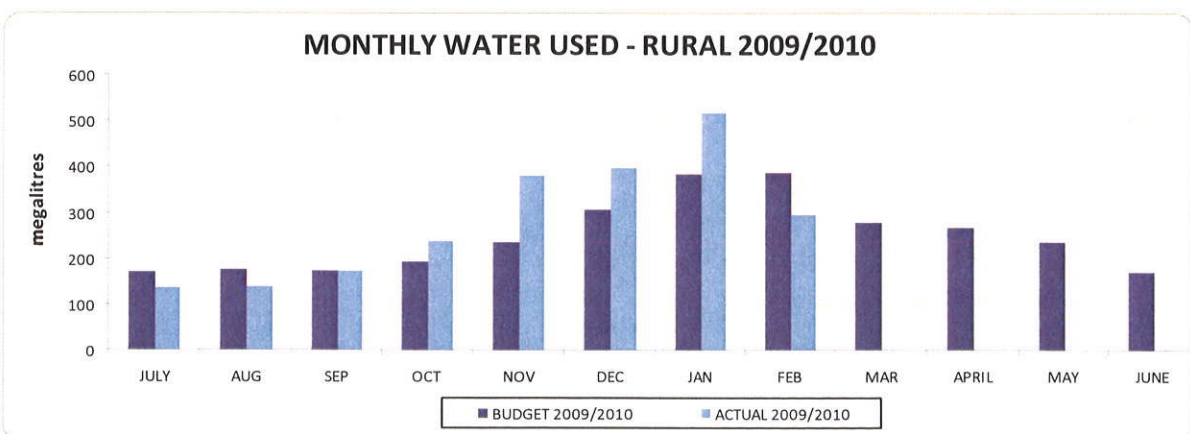
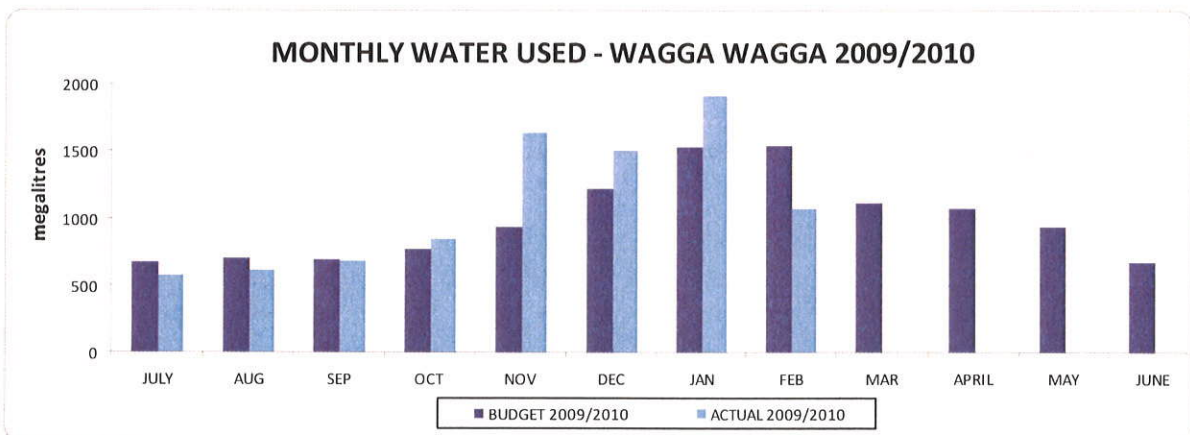
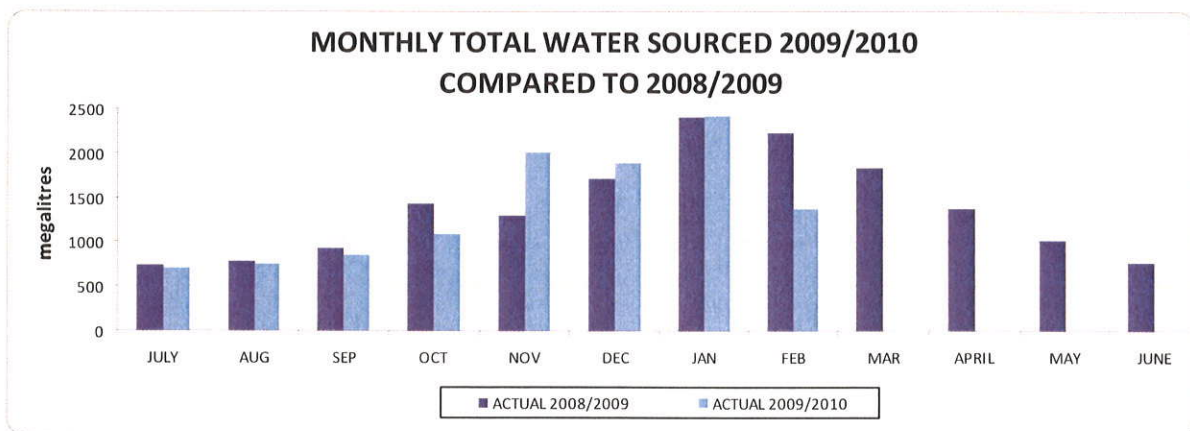
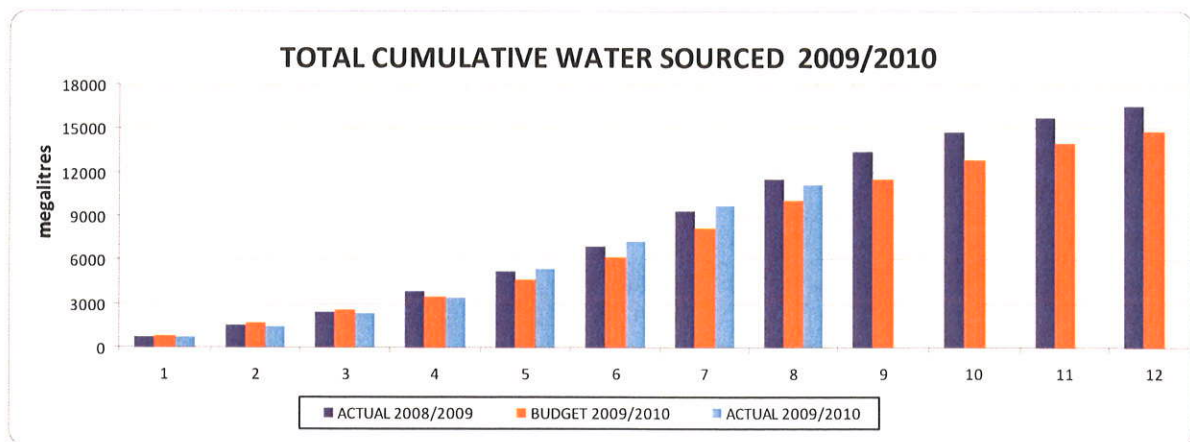
	2008	2009	2010
Rainfall (mm)	64.4	8.6	82.6
Wet Days	7	2	10
WATER SOURCED FOR FEBRUARY – MEGALITRES			
North Wagga bores	225.98	316.95	198.22
West Wagga bores	222.25	476.89	238.26
East Wagga bores	159.74	302.66	274.81
Murrumbidgee River	657.98	947.97	562.83
SUB-TOTAL	1265.95	2044.47	1274.12
Bulgary Bores	43.07	73.42	50.45
Urana Channel	7.91	15.69	8.05
Ralvona Bores	22.08	46.31	21.96
Walla Walla Bores	25.89	36.21	24.16
Goldenfields Water Supply System	2.32	3.13	3.52
SUB-TOTAL	101.27	174.76	108.14
Woomargama	1.16	4.12	0.43
Humula	1.09	2.18	1.36
Tarcutta	5.20	6.93	3.41
Oura	3.19	7.55	5.21
Walbundrie	2.98	5.63	4.87
Morundah	0.86	1.44	1.31
Collingullie	6.71	11.63	5.25
SUB-TOTAL	21.19	39.48	21.84
TOTALS	1388.41	2258.71	1404.10

WATER USED FOR FEBRUARY – MEGALITRES

	2008	2009	2010
East Bomen	27.68	28.39	17.78
Estella	70.08	111.86	79.31
North Wagga	77.32	132.69	67.15
Wagga Wagga – Low Level	190.32	269.60	183.67
Wagga Wagga – High Level	622.33	1108.88	653.42
Wagga Wagga – Bellevue Level	67.90	133.68	74.96
SUB-TOTAL	1055.63	1785.10	1076.29
Ladysmith	5.90	10.48	5.34
Brucedale	21.65	38.01	21.46
Currawarna	14.47	21.57	13.80
Rural south from Wagga Wagga	112.89	200.00	133.67
Rural from Walla Walla Bore	0.00	0.00	24.16
Milbrulong, Lockhart and Boree Creek	26.09	45.83	30.62
Urana and Oaklands	24.38	41.20	25.26
Holbrook	22.08	46.31	21.96
TOTAL	227.46	403.40	276.27
Woomargama	1.16	4.12	0.43
Humula	1.09	2.18	1.36
Tarcutta	5.20	6.93	3.41
Oura	3.19	7.55	5.21
Walbundrie/Rand	2.98	5.63	4.87
Morundah	0.86	1.44	1.31
Collingullie	6.71	11.63	5.25
SUB-TOTAL	21.19	39.48	21.84
TOTAL	1304.28	2227.98	1374.40

Daily Water Use, Wagga Wagga, February 2010





**NEW SERVICE CONNECTIONS, REPAIRS, METERS, LOCATIONS &
COMPLAINTS FOR THE MONTH OF FEBRUARY 2010**

Location	New Connect., residential	New connect., Not-resident	Services Renewed	Services Repaired	Quality Complaints	Supply Complaints	Customer dealings complaints	Other	Frost damage	Meter or Metercock fault	Leaking valves or hydrants	Locations
Wagga Wagga	13	2		13	3	24		32		70		14
Brucedale						3						
Currawarna												
Euberta												
Humula										1		
Ladysmith						1				1		
Oura										1		
San Isidore												
Tarcutta					3					3		
The Gap						5						
Bulgary						3					1	
Collingullie	1											
French Park				1		1						
Lockhart												
Mangoplah												
Milbrulong												
Pleasant Hills	1											
The Rock	1			1		1						
Uranquinty				1								
Yerong Creek				1								
Culcairn						2						
Henty			1	1		2						
Holbrook				1						2		
Morven						1						
Walbundrie			1	1		2				2		
Walla Walla												
Woomargama				1	1					1		
Boree Creek				1								
Morundah												
Oaklands												
Rand				2								
Urana				2		1		1				
TOTAL	16	2	2	26	7	46		33		81	1	14

2. WATER SYSTEM REPAIRS

WAGGA WAGGA								
Date	Location	Main Type	Cause	Time			No. of Cust-omers	Water Lost KI
				Off	On	Out		
5	35 Dunn Ave	200 AC	Pipe failure	1000	1200	2.00	0	0
6	153 Bourke St	100 AC	Pipe failure	1000	1230	2.30	0	0
6	67 Thorne St	200 CI	Pipe failure	1000	1200	2.00	0	0
6	Dalton St	100 AC	Pipe failure	1.30	5.30	4.00	0	0
9	Tarcutta St			Live	Rep	0	0	0
10	327 Lake Albert Rd	100 AC	Pipe failure	1215	1515	3.00	14	0
10	Koorinal/Vincent Rd		Accidental damage	1600	1700	1.00	0	0
17	Olympic Way	375 CI	Pipe failure	1930	0500	9.70	0	0
19	38 Mathoura Ave	100 AC	Accidental damage	1645	1730	1.25	22	0
19	Ashmont Ave	375 CI	Pipe failure	0330	0730	4.00	0	0
20	32 Chaston St		T/band broken/leaking	Live	Rep	0	0	0
26	Forsyth St	100 AC	Pipe failure	1400	1430	0.30	0	0
TOTALS						29.55	36	0
Total Breaks - 12			Breaks needing shut off - 12			Breaks affecting customers- 2		

RURAL								
Date	Location	Main Type	Cause	Time			No. of Cust-omers	Water Lost KI
				Off	On	Out		
6	Urana Oaklands Trunk	150 DI/CL	T/band broken/leaking	1830	2000	1.70	3	300
7	Narrandera Rd	50 PVC	Tree roots	0500	1100	6.00	8	300
12	Cambourne Lane	25 PVC	Pipe failure	1430	1530	1.00	0	0
15	Jennings Lane	200 AC	Pipe failure - Ground movement	1400	1900	5.00	8	800
19	Willis Rd	50 PVC	Pipe failure - Ground movement	1400	1630	2.30	0	0
21	The Rock - Tootool Rd	200 CI	Tapping band broken/leaking	0630	0930	3.00	8	200
23	Becks Lane & Old Narrandera Rd	80 PVC	Pipe failure	Live	Rep	0	0	0
24	Olympic Way	200 AC	Tree roots	Live	Rep	0	0	0
27	Gap / Hall rd	100 WPVC	Pipe failure	Live	Rep	0	0	0
28	Allan St	150 AC	Pipe failure	1030	1330	3.00	40	300
28	Olympic Way	200 AC	Tree roots	1430	1900	4.70	25	1000
TOTALS						26.70	92	2900
Total Breaks - 11			Breaks needing shut off - 9			Breaks affecting customers - 6		

4. WATER QUALITY COMPLAINTS

Water quality complaints received during February 2010 were:

Date	Location	Problem	Action Taken
2	28 Riverview Dr	Brown water in bathroom. Happens every couple of weeks. Iron colour test only done. No readings taken	Water at meter clear (turbidity 0.4, iron low). Customer agrees it is old gal pipes to be changed soon.
2	19 Malaya Dr, Tolland	Dirty water – flush mains	Flushed main
1	Hume Highway, Tarcutta	Dirty water at Hotel. Suspect manganese after pigging of village	Customer was phoned on 1/2/10 and advised to run taps until clear. Will ring if it happens again.
3	Tarcutta Hotel, Tarcutta	Dirty water – old homestead next to Hotel	Flushed service and main
6	Tarcutta	Very dirty water – old homestead near Hotel	Flushed service and main
8	111 Yentoo Dr, Glenfield	Dirty water	Water tested from front, through house. Problem with H/W system.
23	Woomargama	Dirty water	Flushed town mains “pigging done week of the 8 th March 2010

5. MAINS CONSTRUCTION

5.1 NEW WORK, EXTENSIONS ETC.

LOCATION	PROJECT	100	150	200
		OPVC	OPVC	OPVC
Hilltop Stage 9	Mains extension	120	220	275
Plunkett Drive Subdivision	Mains extension	504		
Bourkelands Stage 21A	Mains extension	18	162	
TOTAL		642	382	275

5.2 REPLACEMENT OF EXISTING MAINS

LOCATION	PROJECT	63	100	150
		POLY	DICL	DICL
Railway St	Mains replacement		23.5	
Dobney Ave	Mains replacement			443
Overdale Creek Crossing	Mains replacement	30		
TOTAL		30	23.5	443

6. OTHER CONSTRUCTION

Location or Project	Work Done
Trial DAF Plant	Modify pipework to connect new S/S tank

7. MAJOR REPAIRS / OVERHAULS

No major repairs/overhauls undertaken during February 2010.

8. STAFF TRAINING & SAFETY

The following training and/or safety activities were undertaken during February 2010:

Training or Programme	No. of Staff
TAFE enrolment – CV Frontline Management	2

RECOMMENDED that the Director of Engineering's Report covering the month of February 2010 be accepted and the contents noted.



Greg Finlayson
DIRECTOR OF ENGINEERING

**DIRECTOR OF ENGINEERING'S REPORT
TO THE GENERAL MANAGER**

FOR APRIL 2010 COUNCIL MEETING

6th April 2010

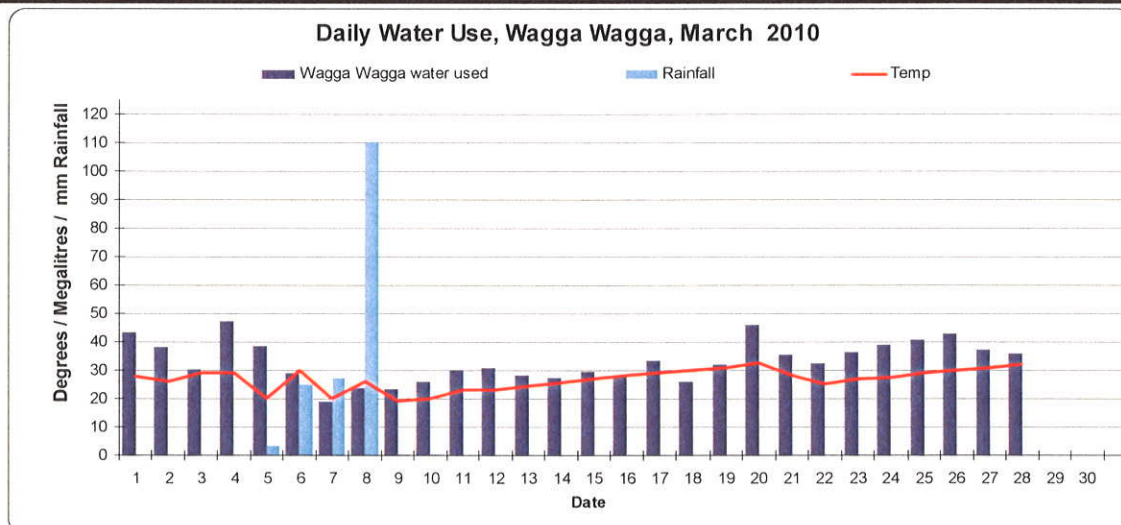
1. THE WORKS REPORT COVERING MARCH 2010

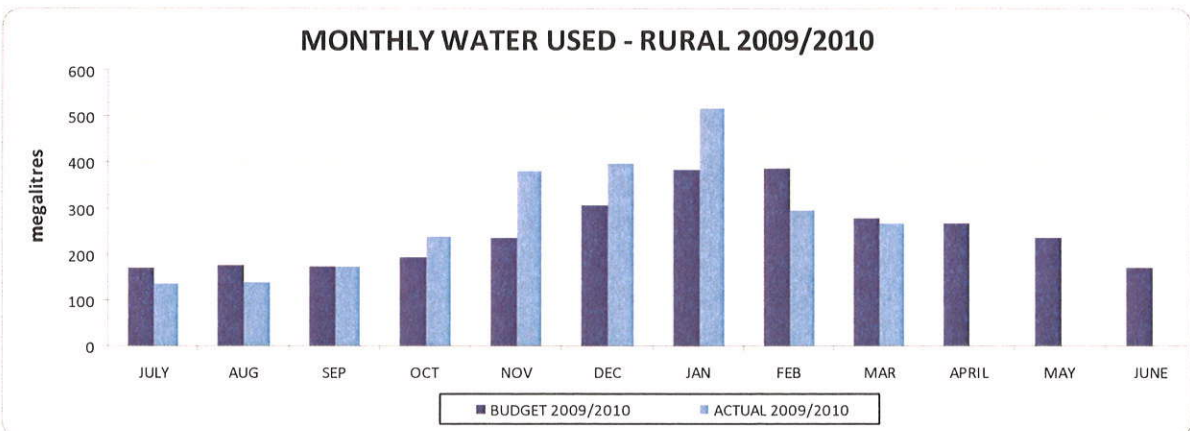
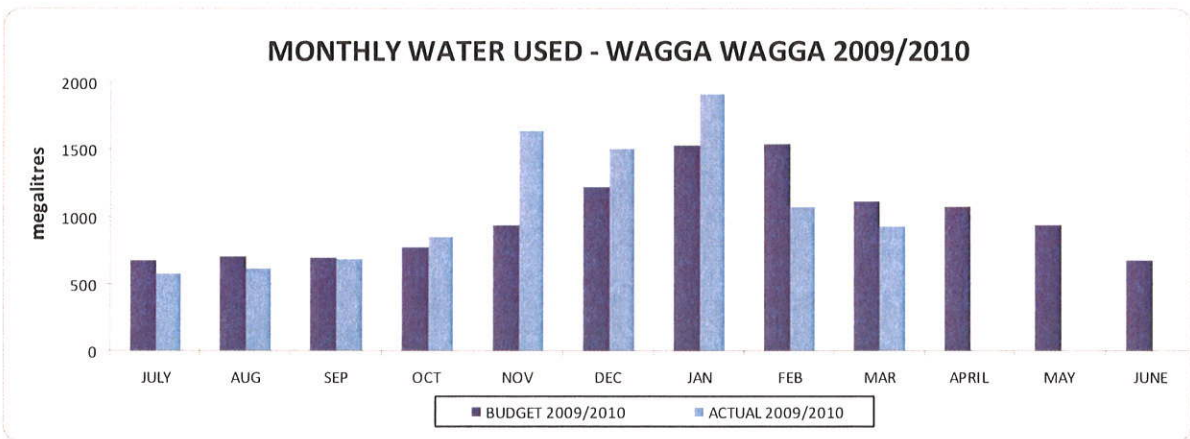
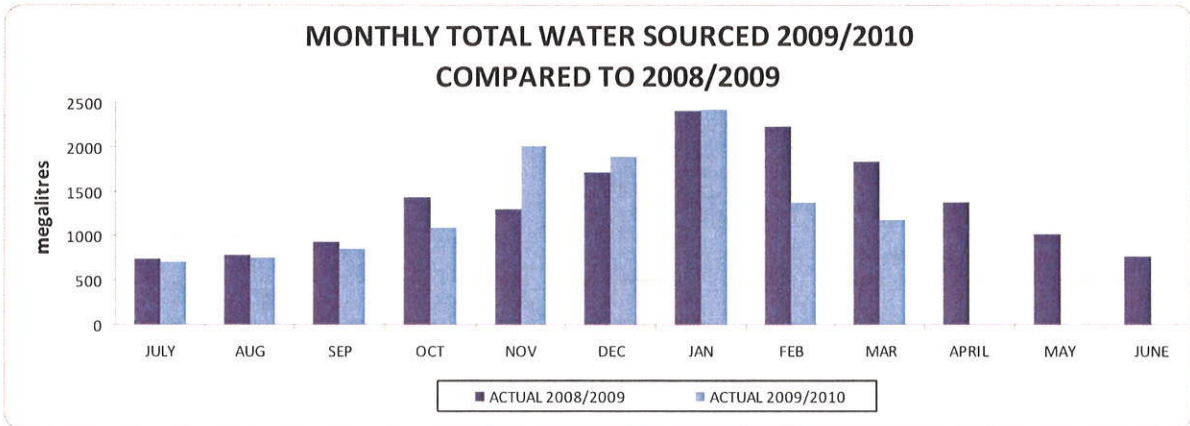
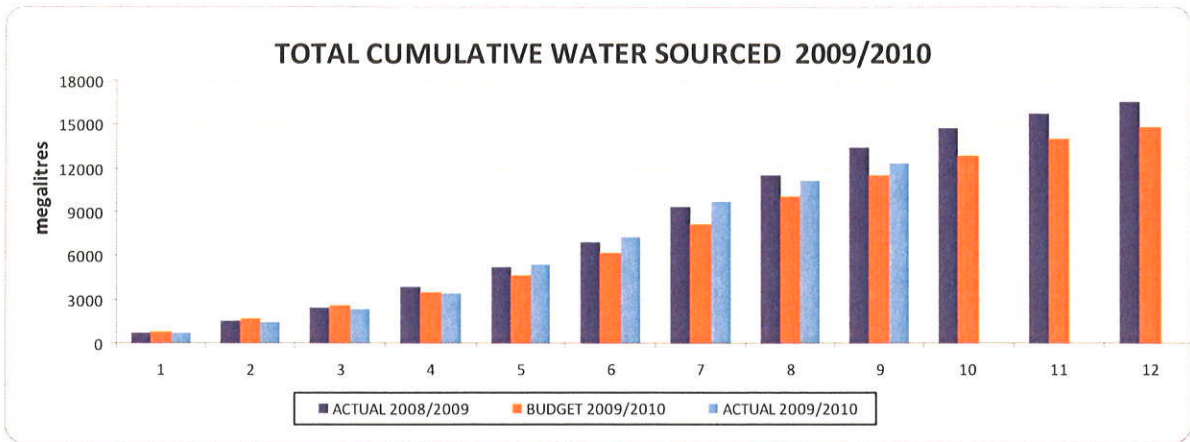
1.1 WATER SOURCED AND USED

	2008	2009	2010
Rainfall (mm)	23.4	14.6	167.0
Wet Days	4	4	6
WATER SOURCED FOR MARCH – MEGALITRES			
North Wagga bores	256.07	296.24	191.86
West Wagga bores	573.85	421.86	328.33
East Wagga bores	361.44	308.43	220.75
Murrumbidgee River	524.01	677.20	269.89
SUB-TOTAL	1715.37	1703.73	1010.83
Bulgary Bores	60.95	66.53	42.74
Urana Channel	7.98	8.44	6.47
Ralvona Bores	31.47	38.78	24.24
Walla Walla Bores	29.72	31.11	27.25
Goldenfields Water Supply System	3.38	2.91	3.19
SUB-TOTAL	133.50	147.77	103.89
Woomargama	0.93	2.41	2.19
Humula	1.44	1.98	0.94
Tarcutta	6.23	5.87	4.50
Oura	6.43	4.58	4.78
Walbundrie	4.20	3.97	3.37
Morundah	1.07	1.21	1.00
Collingullie	8.86	8.66	5.35
SUB-TOTAL	29.16	28.68	22.13
TOTALS	1878.03	1880.18	1136.85

WATER USED FOR MARCH – MEGALITRES

	2008	2009	2010
East Bomen	32.19	24.45	17.32
Estella	101.57	112.50	68.13
North Wagga	70.00	114.70	82.58
Wagga Wagga – Low Level	236.76	243.12	176.15
Wagga Wagga – High Level	932.50	872.42	532.75
Wagga Wagga – Bellevue Level	111.80	109.73	64.10
SUB-TOTAL	1484.82	1476.92	941.05
Ladysmith	9.29	7.76	4.29
Bruceale	33.48	28.99	25.29
Currawarna	22.22	15.01	12.40
Rural south from Wagga Wagga	169.62	170.24	103.84
Rural from Walla Walla Bore	0	0	27.25
Milbrulong, Lockhart and Boree Creek	38.28	36.99	26.50
Urana and Oaklands	29.96	35.08	20.45
Holbrook	31.47	38.78	24.24
TOTAL	334.32	332.85	244.26
Woomargama	0.93	2.41	2.19
Humula	1.44	1.98	0.94
Tarcutta	6.23	5.87	4.50
Oura	6.43	4.58	4.78
Walbundrie/Rand	4.20	3.97	3.37
Morundah	1.07	1.21	1.00
Collingullie	8.86	8.66	5.35
SUB-TOTAL	29.16	28.68	22.13
TOTAL	1848.30	1838.45	1207.44





1.2 NEW SERVICE CONNECTIONS, REPAIRS, METERS, LOCATIONS & COMPLAINTS FOR THE MONTH OF MARCH 2010

Location	New Connect., residential	New connect., Not-resident.	Services Renewed	Services Repaired	Quality Complaints	Supply Complaints	Customer dealings complaints	Other	Frost damage	Meter or Metercock fault	Leaking valves or hydrants	Locations
Wagga Wagga	16			4	5	31		33		56	15	7
Bruce Dale												
Currawarna												
Euberta												
Humula												
Ladysmith												
Oura					2	1				1		
San Isidore												
Tarcutta				2		1		1				
The Gap						7				1		
Bulgary						1		1				
Collingullie						1						
French Park												
Lockhart	1											
Mangoplah				1								
Milbrulong				1								1
Pleasant Hills						2						
Bidgeemia												
The Rock				2	3	1						
Uranquinty												
Yerong Creek						1						
Culcairn						1			1		1	
Henty			1	2		2			1		2	
Holbrook				2					1		1	
Morven												
Walbundrie												
Walla Walla						2						
Woomargama												
Boree Creek												
Morundah				1				1				
Oaklands												
Rand												
Urana			2									
TOTAL	17		3	15	10	51		36	3	58	19	8

1.3 WATER SYSTEM REPAIRS

WAGGA WAGGA								
Date	Location	Main Type	Cause	Time			No. of Cust-omers	Water Lost KI
				Off	On	Out		
1	Lot 28 Riverview Dr	150AC	Tapping band broken/leaking	1330	1500	1.30	6	0
2	Lake Rd	150 AC	Pipe failure	1630	2100	4.30	0	0
6	17 Crawford St	100 AC	Tapping band broken/leaking	2100	2330	2.30	0	2
7	Angel St	100 AC	Pipe failure, Ground movement	0.25	1.30	1.30	15	10
8	Rowe & Bocquet St	100 AC	Pipe failure	Live	Rep.		0	0
8	Angel St	100 AC	Pipe failure – ground movement	3.40	7.15	4.15	15	5
8	Rowe St	100 AC	Pipe failure – ground movement	3.00	5.00	2.00	19	5
8	Inglis St	100 AC	Pipe failure – ground movement	1.25	3.30	2.05	18	5
9	1 Wagga St	100 WPVC	Pipe failure	10.30	11.00	1.30	0	0
14	7 Galleon Pl	100 BPVC	Tapping band broken/leaking	16.30	17.30	1.00	0	0
19	Mitchell Rd	100 AC	Pipe failure	17.30	19.30	2.00	10	0
21	Crambourne Lane	25 PVC	Pipe failure	18.30	19.00	0.30	2	0
21	34 Condon Ave	100 AC	Pipe failure	Live	Rep	0.00	0	0
22	12 Gunyah Pl	100 AC	Pipe failure	10.00	11.00	1.00	0	0
22	Bocquet St	100 AC	Pipe failure	13.30	15.30	2.00	0	0
TOTALS						23.02	85	27
Total Breaks – 15		Breaks needing shut off - 15			Breaks affecting customers – 7			

RURAL								
Date	Location	Main Type	Cause	Time			No. of Cust-omers	Water Lost KI
				Off	On	Out		
2	Allan St	150 AC	Tree roots	11.30	16.00	4.30	30	350
9	Olympic Highway	300 CI	Corrosion	12.30	22.00	2.30	50	2000
9	Mountain View	100 AC	Pipe failure – ground movement	18.00	21.00	3.00	4	0
15	The Gap Hall Rd	100 WPVC	Pipe failure	Live	Rep	0.00	0	0
16	The Gap Hall Rd	100 WPVC	Pipe failure	Live	Rep	0.00	0	0
20	32 Argent St	100 AC	Pipe failure	15.30	18.00	2.30	8	0
21	The Gap Hall Rd	100 WPVC	Pipe failure	Live	Rep	0.00	0	0
21	Cr Barch & Keighran Sts	100 AC	Leaking collar	Live	Rep	0.00	0	0
24	Gap Hall to Downside Rd	100 WPVC	Pipe failure	Live	Rep	0.00	0	0
26	Cambourne Lane	25 PVC	Pipe failure	8.30	9.00	0.30	2	1
26	Gap Hall to Downside Rd	100 WPVC	Pipe failure	Live	Rep	0.00	0	50
TOTALS								
Total Breaks – 11		Breaks needing shut off – 9			Breaks affecting customers- 5			

Notes on Pipe Failures at The Gap

Failures of uPVC pipes on The Gap scheme exceed one per week and this is being currently investigated. The pipe is very brittle even though it is only about 30 years since laid. It is very likely substantial mains replacements will be required for a number of years. Fortunately the adjoining and similar Brucedale scheme has AC pipe on the bigger mains which has not failed to any great extent.

1.4 WATER QUALITY COMPLAINTS

Water quality complaints received during March 2010 were:

Date	Location	Problem	Action Taken
3	14 Copland St	Very dirty water – Transgrid	Flushed main
4	77 Meadow St	Very dirty water, not suitable for drinking	Flushed service, problem is old gal on their side
8	Fernleigh Rd	Dirty water	Flushed toilet block, stale water
3	Olympic Way, Uranquinty	Dirty water	Flushed service line
12	Wagga and Short St, Oura	Dirty water	Flushed main until clean
11	Uranquinty – The Rock	Dirty water	Flushed service
12	The Rock	Milky water	Told him to flush service if doesn't get better to ring back in morning
10	11 Hill St, The Rock	Dirty water	Flushed service line and meter
12	Hill St, The Rock	Dirty water	Flushed main
22	3 Dundale Cr, Estella	Strong taste of chlorine, can't drink from tap	Chlorine checked through property. Range 0.66 – 0.83mg/l. All OK today
22	11 Alfred St, Oura	Dirty water and air in line since break	Flushed main.

1.5. MAINS CONSTRUCTIONS

1.5.1 NEW WORK, EXTENSIONS ETC.

New water mains laid during March 2010.

LOCATION	PROJECT	50	63	80	100
		Poly	Poly	OPVC	OPVC
Kneebones Rd	Mains extension	1050			
Guttler St, Uranquinty	Mains extension				246
Boiling Down Rd	Mains extension		300		
Racecourse Rd, Holbrook	Mains extension				412
Hume Hwy, Woomargama	Mains extension			24	
TOTAL		1050	300	24	658

1.5.2 REPLACEMENT OF EXISTING MAINS

Replacement of existing mains laid during March 2010 include:

LOCATION	PROJECT	150
		DICL
Dobney Ave	Mains replacement	39
TOTAL		39

1.6 OTHER CONSTRUCTION

Other construction works during March 2010 include:

Location or Project	Work Done
21 Blake Street	Install new 80mm fire service
Mater Dei School	Install new 100mm fire service
Woomargama Village	Clean reservoirs and pig all mains within the Village
Holbrook valves	Replace broken valves and install new valves

1.7 MAJOR REPAIRS / OVERHAULS

Major repairs/overhauls during March 2010 include:

Location or Project	Work Done
The Rock Pump Station	Install gas chlorination system
West Wagga Wagga	Overhaul silica dosing system
Uranquinty Reservoir	Install 2 magflow meters and 2 pressure sustaining valves.
Ralvona Bore No. 1	Fit 2 air valves
Waterworks, Wagga	Replace 4 filtered water sample pumps
Waterworks, Wagga	Remove "Big K" pump motor and replace bearing
Waterworks, Wagga	Redesign and refit control room telemetry cabinet
North Wagga Aeration Plant	Testing of new stand alone decentralised control system
North Wagga Wagga No.1 Bore	Install replacement pump variable speed drive
Various	Manufacture equipment for 3 magflow meter solar sites
Gardners Crossing	Replace magflow meter

1.8 STAFF TRAINING & SAFETY

The following training and/or safety activities were undertaken during March 2010:

Training or Programme	No. of Staff
Plant vehicle management workshop	1
Fluoride Operating training	1
First Aid Refresher	3
Scaffolding Training	1

1.9 COMMENTS ON CONSUMPTION

The total monthly water sourced in both February and March 2010 is substantially down when compared to the same months in 2009. The cumulative water used for 2009/10 is also well down on the previous year.

Humula's consumption for the month of December 2009 showed a sharp increase when compared to 2007 and 2008. In a review of bulk usage for the summer quarters of 2007, 2008 and 2009 it was found the trend is down since 2007. The trend in individual months is very subject to weather influences but overall the consumption trend is down which also reflects the closure of the timber mill at Humula around October 2008.

RECOMMENDED that the Director of Engineering's Report covering the month of March 2010 be accepted and the contents noted.

2. INTEGRATED WATER CYCLE MANAGEMENT

I am pleased to report that the first phase of the Joint Integrated Water Cycle Management project is now completed. The final Evaluation Study report was issued on the 18th March 2010 to the five Councils. The consultants, HydroScience Consulting, have completed this work successfully according to the brief and program. A copy of the Evaluation Study has been issued to the NSW Office of Water.

The Evaluation Study is a review of data and issues related to the planning and service delivery for urban water supply, sewerage and stormwater. Consultation was included with a workshop of a Project Reference Group to identify additional issues and options. The planning horizon adopted is 30 years.

The task of the Evaluation Study was to determine what strategies are deficient to address the issues and recommend further work. If a Council has an issue where the most likely outcome is a need for significant capital works within ten years, then a Detailed Strategy is required.

The report recommends that Riverina Water undertake a Detailed Strategy. This is no surprise as there are significant challenges ahead for Riverina Water that were previously identified. The report lists the issues warranting the Detailed Strategy and these are summarised below in point form:

- Reduced bore field yield in the Wagga Wagga vicinity.
- Balancing system augmentation with demand management to address insufficient system capacity.
- Improve system capacity to the Western Trunk system. (Rural area)
- Augmentation of the Wagga Wagga Water Treatment Plant.
- Supply limitations to rural customers during drought including assessment of Southern Trunk system.
- Age of Wagga Wagga Water Treatment Plant.
- Water allocations set by regulators including NSW Office of Water.
- Identification of condition and replacement of numerous assets.

For the other Councils the recommendations are as set out below:

Wagga Wagga City Council – Simplified Strategy
Greater Hume Shire Council – Simplified Strategy
Lockhart Shire Council – Simplified Strategy
Urana Shire Council – Simplified Strategy

The Study has also made general recommendations. These are:

- That the next stage of IWCM also be a joint approach.
- That Riverina Water and Greater Hume Shire Council implement comprehensive demand management with respect to drought, climate change and the projected reductions in surface water availability.

Senior staff of the five Councils met on the 6th April 2010 to consider the way forward. The various methods of completing IWCM were discussed with general agreement that the joint approach should be continued with one consultant, but that separate accounts be managed and separate reports produced. Most Councils desire to incorporate IWCM with their needs to update or produce Strategic Business Plans.

Urana, Greater Hume and Lockhart Shire Councils have already sought separate fee indications from the consultants to complete their Simplified Strategies and Business Plans. These are all less than \$30,000.

Wagga Wagga City Council has agreed to undertake a Detailed Strategy. Discussions with Wagga Wagga City Council staff are underway in view of writing a brief for respective detailed strategies.

Considering the considerable work undertaken by HydroScience in the Evaluation Study, including the knowledge they have developed and data they hold, it may not be wise to go to open tender or quotes for the next stage. One option is to consider the next stage a contractual follow-on of the work already undertaken. The cost to Riverina Water will, I believe, be less than \$150,000, and not require tenders as prescribed under the Local Government Act. I recommend that Riverina Water, in association with Wagga Wagga City Council, negotiate a suitable fee for completion of an IWCM Strategy.

If the five Councils utilise a common consultant then aspects of the project will be conducted jointly and more efficiently. The aspects of the engagements that are common to all councils are:-

- a. A common PRG
- b. Common to Riverina Water County district
- c. A common starting date.
- d. Possibly common progress meetings.
- e. Possibly common completion date.
- f. The separate strategies and plans can be pinned together as required or used as standalone documents.

The NSW Office of Water has responded that they agree to the approach recommended and that all Councils may apply for separate subsidies for the work.

Appropriate funds are recommended in the Draft Management Plan 2010/11 for Integrated Water Cycle Management (\$130,000) and funds are also recommended for the related work on groundwater modelling analysis (\$50,000) and demand management (\$500,000).

RECOMMENDATION that:

1. the satisfactory completion of the IWCM Evaluation Study be noted.
2. the General Manager be authorized to negotiate a fee from a nominated consultant for completion of an IWCM Detailed Strategy up to a value of \$150,000.

3. DEMAND MANAGEMENT

3.1 Strategy

Riverina Water does not have a demand management strategy as a guiding document. There is good reason for this in that the drivers for demand management in the Riverina are not readily evident as they are with other water utilities that have their own dams and a specific limitation to their supply capacity.

Even at this stage I do not recommend that a conventional demand management strategy be undertaken. This is because the essential pre-requisite documents are not yet made. The current deficits include the IWCM Strategy and an effective Water Sharing Plan based on the Murray-Darling Basin Plan. The comprehensive financial analysis of demand management options could not be made without these other strategies.

The demand management programs that can be adopted are those that are readily recognised, have substantial drivers and are deemed cost effective. Riverina Water can also now benefit from the substantial demand management schemes introduced by other water utilities over the past fifteen years. We don't need to re-invent the wheel if we can identify what has worked elsewhere in a similar climate.

3.2 Indoor Programs

A review of what other inland water utilities have done can readily identify what measures are appropriate for indoor demand management. For new developments the BASIX legislation prevails and for existing customers there are a range of refits and rebates in NSW which are now fairly standardised. One such measure is a rebate for the replacement of inefficient single-flush toilets.

I have previously reported on the introduction of the Water Smart Toilet program where Riverina Water put \$100 towards a fully installed unit under a program run by Prime Industries, in association with Caroma- Dorf. Prime Industries have recently negotiated a set price from local members of the Master Plumbers Association to fit the units. On the 8th April 2010 an MOU was signed by the General Manager and the project is now being launched.

Water customers will now also be eligible for the Department of Environment Climate Change and Water's toilet rebate of \$200 combined with our \$100. This results in \$300 off the cost for approved installations. The Draft Management Plan 2010/11 includes an allocation of \$50,000 for the continuation of the program. This is in addition to the current \$20,000 available.

3.3 Outdoor Programs

The major focus for Riverina Water is residential outdoor water use, and to a lesser extent commercial outdoor use. Winter demands are approximately 20 ML per day. In summer this can rise to 80 ML per day due to climate related needs such as irrigating lawns and gardens, filling pools and evaporative air conditioning.

A review of how other water utilities have addressed outdoor use, and particularly during the drought, establishes that there is no standardised approach. This is because most other utilities have dams that have chronic low storage issues and have applied restrictions regularly during the past ten years. These restrictions have obviated the need to adopt long-term outdoor demand management programs.

Riverina Water is one of the few water utilities that have not been affected during the drought to the point where restrictions have been necessary. Although “our dams”, Blowering, Burrinjuck and even Eucumbene, have been chronically low for many years, the dots have not been connected.

The local stress we have experienced in our water supplies is the reduced yield from the Murrumbidgee aquifer. However this has been compensated by higher surface water abstractions.

Neither the upstream dams nor the aquifer have significantly benefitted from the recent rain. With respect to our supply capacity the drought continues.

In February 2010 I reported on a meeting with the Commissioner of the NSW Office of Water with regard to restrictions and a pilot scheme. The pilot scheme is in conjunction with Goldenfields Water and is to address the yield sustainability of our local Murrumbidgee aquifer. Demand management is directly related to both the threat of enforced restrictions by our regulator and the sustainable yields from both surface and groundwater.

3.4 Nature Strip Program

The Draft Management Plan 2010/11 has an allocation of \$450,000 for an outdoor demand management program, including \$70,000 for a term project person. The targeted end-use for the program is the irrigation of nature strips in urban areas, towns and villages.

A review of what other water utilities do has revealed that in Canberra and some western councils, nature strips have been targeted. Riverina Water has the opportunity to further develop such programs and set a new benchmark for outdoor demand management in our climate.

Over the past 40 years the front lawns of new residences have taken a particular direction. The traditional front fence, concrete path and trees have mostly disappeared and many homes now have lawn from their front door all the way to the kerb. The irrigation systems often now include plumbed pop-up sprinklers right to the kerb.

It is likely that this trend to lay turf on the nature strip is the result of lack of direction by Councils, including Riverina Water, and the lack of ideas and incentives to install alternatives to lawn. A drive around some of the newer suburban streets of Wagga indicates there are now a few householders who have innovative and water efficient nature strips. Some of these innovations won't comply with the appropriate regulations for nature strips.

Nature strips are targeted for attention for reasons summarised below:

- The management of lawns or gardens on nature strips is more practical as they are a finite and visible activity (when compared to back yards, etc)
- Nature strips in the newer residential areas can be 20% of the area of irrigated turf for a property.
- The guidelines for street aesthetics and maintenance are not well established and lawn is the default option.
- RWCC and Constituent Councils have existing powers under the Local Government Act to control activities on road reserves.
- Any financial incentives to change nature strips will be more transparent and more readily managed.
- Plumbing is extended outside the property boundary, usually not in accordance with regulations.
- Designs and incentives here will be a pilot for lawns and gardens inside the boundary.
- Footpaths have space allocated for utilities, not private plumbing.
- Mains replacement and other utility activities are getting more difficult due to congestion in the footpath.
- Councils already have approval systems for activities on nature strips.

On the 8th April 2010 a meeting of senior staff from WWCC and Riverina Water was convened to discuss nature strips. There was universal agreement that nature strips were the appropriate target for attention and that the current situation was one which Wagga had drifted towards over many years. Since that meeting their staff have researched information including approval processes.

It is desirable that WWCC assist in the development of a strategy which can then translate to the other towns and villages. Further meetings with WWCC staff are proposed to develop a strategy. It is likely that our Councils would undertake different tasks complementing an overall program.

I propose to conduct specific community consultation which would include surveys and meetings with interest groups including householders, businesses and nurseries. The focus would only be on areas of town where the potential to reduce water used on nature strips is high.

The desired strategy may be a combination of regulation, demonstration of alternatives and financial incentives.

A report will be put to Council in June 2010 regarding the development of an outdoor strategy for demand management with specific focus on nature strips in Wagga Wagga.

RECOMMENDATION: that this report be received and noted.

3.5 DRAFT WAGGA WAGGA DCP 2010 – LLOYD

Riverina Water lodged a comprehensive submission regarding both the Draft Wagga Wagga Development Control Plan 2010 and the related Draft DCP for the Lloyd Urban Release Area.

Riverina Water were invited to the final Wagga Wagga Salinity Steering Committee meeting in 2009 which discussed a draft report by EA Systems P/L on controls to reduce salinity. This report had numerous links to the business of Riverina Water as outdoor watering was the prime target to control infiltration. One recommendation was dual water meters. However the Committee recognized that this would not be effective.

The draft DCP for Lloyd has links to the EA Systems reports, but in other respects it had many terms which promoted more green space and more irrigation. Our submission covered all such matters.

The Status Report on submissions on the Lloyd DCP, now on the WWCC web site, indicates that almost all of Riverina Waters comments are supported and will be addressed. This is a good outcome to achieve the joint aims of the two councils.

The Riverina Water submission also aimed at expanding the low water use controls beyond Lloyd. These comments were made on the Draft Wagga Wagga DCP 2010. As the issue is complex, further discussion was requested. Generally the comments on the Wagga Wagga DCP were not supported to any great extent. Many were deemed not to be a DCP issue. I will seek further discussion with WWCC planning staff to determine if this is an opportunity lost to better regulate for demand management.

RECOMMENDATION: that this report be received and noted.

4. TENDERS TO DESIGN AND CONSTRUCT AN 11 ML RESERVOIR ON RED HILL

Tenders for the design and construction of an 11 ML Reservoir were advertised in March 2010 and closed on the 9th April 2010. The proposed reservoir is on Red Hill on the south side of Red Hill Road.

The specification (Specification W130) called for either steel or concrete construction. Five tenders were received and are currently being evaluated. All tenders are for concrete construction.

The report and recommendation for this contract will be forwarded under separate cover.



Greg Finlayson
DIRECTOR OF ENGINEERING