



# **WATER COMMITTEE MEETING**

## **AGENDA**

**3 JUNE 2015**

*Your attendance is required at a meeting of the Water Committee to be held in the Council Chambers, 232 Bolsover Street, Rockhampton on 3 June 2015 commencing at 12.30pm for transaction of the enclosed business.*

A handwritten signature in black ink, appearing to be "C. R.", written over a horizontal line.

**CHIEF EXECUTIVE OFFICER**  
26 May 2015

Next Meeting Date: 08.07.15

**Please note:**

In accordance with the *Local Government Regulation 2012*, please be advised that all discussion held during the meeting is recorded for the purpose of verifying the minutes. This will include any discussion involving a Councillor, staff member or a member of the public.

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**1 OPENING**

**2 PRESENT**

Members Present:

Councillor G A Belz (Chairperson)  
The Mayor, Councillor M F Strelow  
Councillor C R Rutherford  
Councillor A P Williams  
Councillor N K Fisher

In Attendance:

Mr R Holmes – General Manager Regional Services (Executive Officer)  
Mr E Pardon – Chief Executive Officer

**3 APOLOGIES AND LEAVE OF ABSENCE**

**4 CONFIRMATION OF MINUTES**

Minutes of the Water Committee held 8 April 2015

**5 DECLARATIONS OF INTEREST IN MATTERS ON THE AGENDA**

## **6 BUSINESS OUTSTANDING**

### **6.1 BUSINESS OUTSTANDING TABLE FOR WATER COMMITTEE**

**File No:** 10097

**Attachments:** 1. **Business Outstanding Table for Water Committee**

**Authorising Officer:** Evan Pardon - Chief Executive Officer

**Author:** Evan Pardon - Chief Executive Officer

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#### **SUMMARY**

*The Business Outstanding table is used as a tool to monitor outstanding items resolved at previous Council or Committee Meetings. The current Business Outstanding table for the Water Committee is presented for Councillors' information.*

#### **OFFICER'S RECOMMENDATION**

THAT the Business Outstanding Table for the Water Committee be received.

# **BUSINESS OUTSTANDING TABLE FOR WATER COMMITTEE**

## **Business Outstanding Table for Water Committee**

**Meeting Date: 3 June 2015**

**Attachment No: 1**

Date	Report Title	Resolution	Responsible Officer	Due Date	Notes
04 June 2014	Rockhampton Regional Council High Priority Water Allocation Use	<p>THAT the Council receive the report and adopt the following recommendations to optimise the sustainable usage of Council's high priority water allocation being that:</p> <ul style="list-style-type: none"> <li>• Information is disseminated to irrigators regarding the removal of the requirement for Land and Water Management Plans;</li> <li>• FRW's 'water market' is promoted more;</li> <li>• The Drought Management Plan (DMP) trigger levels for implementing restrictions are reviewed and changed;</li> <li>• Methods to increase efficient industrial water use are examined; and</li> <li>• A formal approach be made to the regulator to retain flexibility in future Resource Operations Plan (ROP).</li> </ul>	Jason Plumb	30 June 2015	<p>Discussions have been held with DNRM about the upcoming ROP and these discussions are still ongoing prior to completion of the ROP.</p> <p>The improved dissemination of information to irrigators via FRW's website is currently being planned.</p> <p>The ongoing analysis of Rockhampton's Water Supply Security by DEWS will be used to determine the Drought Management Plan triggers for implementation of restrictions. To date a Barrage storage volume survey has been commissioned with final data analysis nearing completion.</p>



**7 PUBLIC FORUMS/DEPUTATIONS**

Nil

## 8 OFFICERS' REPORTS

### 8.1 DECOMMISSIONING OF THE WEST ROCKHAMPTON SEWAGE TREATMENT PLANT - ADDITIONAL JUSTIFICATION

**File No:** 6210  
**Attachments:** Nil  
**Authorising Officer:** Nimish Chand - Manager FRW  
Robert Holmes - General Manager Regional Services  
**Author:** Jason Plumb - Coordinator Treatment and Supply

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#### SUMMARY

*The West Rockhampton Sewage Treatment Plant (WRSTP) is the oldest STP currently operated by Fitzroy River Water (FRW). Constructed in 1962, the WRSTP was designed to operate to meet a standard of treatment performance that reflected the then current state of knowledge of sewage treatment and its impacts of STP effluent discharges on the environment. Since that time, many advances in sewage treatment plant design have been made that have improved the treatment performance of STPs significantly. In addition, there has been increased stringency placed on the standard of STP effluent that is produced, especially when the effluent is discharged to a waterway.*

*If the WRSTP is not decommissioned as previously planned, there are significant works required to ensure that this STP can operate safely and reliably. These works are estimated to cost in excess of \$3M. This cost is greater than the cost to transfer all sewage flows to the South Rockhampton Sewage Treatment Plant (SRSTP) which has already been upgraded to cater for the WRSTP inflows. It is important to note that completing these works will not significantly improve the treatment performance and environmental footprint of WRSTP. The cost to achieve further performance improvement is estimated to be an additional \$1M. Keeping WRSTP would more quickly (i.e. 1 ML at WRSTP = 5-6 ML at NRSTP) consume the remaining unused buffer in our environmental licence and bring forward the large expenditure (greater than \$20M) required to augment the other two Rockhampton STPs.*

*Based on consideration of its age, its physical condition and also its substandard design and environmental performance, the decommissioning of the WRSTP should proceed to ensure that the STP infrastructure in Rockhampton can best meet the needs of the community and achieve the best overall outcome for the environment.*

#### OFFICER'S RECOMMENDATION

THAT Council proceed with the previously adopted decision and strategy to decommission the WRSTP and approve additional funding to enable the transfer of sewage flows to the SRSTP for treatment.

#### BACKGROUND

In November 2009 and then again in March 2014, Council received reports and adopted recommendations to proceed with the decommissioning of the WRSTP due its age, relatively poor condition and relatively poor performance. The WRSTP effluent makes up a disproportionately high part of the total nutrient load released to the upper estuary of the Fitzroy River and is not readily amenable to process upgrades that would lead to significantly improved performance. For example, 1 ML of effluent discharged to the Fitzroy River estuary from the WRSTP contributes the same amount of total nitrogen as 5-6 ML of effluent discharged from the NRSTP, a more modern STP that is designed to achieve nitrogen removal. The following information provides more detail on the reasons why the age, condition and performance of the WRSTP justify the previous decisions by Council to proceed with its decommissioning.

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## AGE AND CONDITION OF WRSTP

With construction of the WRSTP in 1962, the civil structures at this STP are now more than 50 years old. These structures are comprised of a concrete inlet works with metal fixtures and an automatic step screen for screening of incoming solids, two primary sedimentation tanks with mechanical and electrical travelling bridge scrapers, two trickling filter tanks filled with coarse aggregate rock to provide the trickling filter media, two in-ground concrete humus tanks with mechanical and electrical travelling bridge scrapers, on-site primary and secondary sludge pump stations, a modified concrete clarigester for sludge digestion, concrete sludge drying beds and chlorine gas disinfection system with associated contact tank. The free-standing brick and asbestos office building is no longer used as a site office.

If a commitment is made to continue to operate and maintain the WRSTP it should be done on the basis that it is retained for at least the next 10-20 years to maximise the return on any significant investment. Table 1 shows the works and associated investment that is required to ensure the WRSTP continues to function at its current treatment standard for this period. It is important to note that none of these works would provide any significant improvement in the quality of the effluent produced by the WRSTP. An estimate of the cost to complete a process upgrade for improved performance is also added at the bottom of Table 1. The images in Figure 1 show examples of the infrastructure at WRSTP that has commenced structural failure or has exceeded its design life.

## DESIGN AND TREATMENT PERFORMANCE OF WRSTP

The trickling filter design of the WRSTP means that this STP is capable of removing BOD5 (biodegradable organic carbon) and Total Suspended Solids. This STP is not capable of nitrogen or phosphorus removal with the effluent containing quite high concentrations of Total Nitrogen (26 mg/L) and moderate levels of Total Phosphorus (7 mg/L). Disinfection of the final effluent using chlorine gas is generally quite effective although in combination with the nitrification that occurs in the trickling filters, the final effluent is often slightly acidic and periodically does not comply with the current pH release limits. FRW is currently working through this minor pH non-compliance with the regulator in order to resolve the issue, however, there are no easily achievable process upgrades that will lead to a significant improvement in the performance of the WRSTP, and any attempt to do so could prove prohibitively expensive given the works required in Table 1 below.

**Table 1.** Works required to ensure safe and reliable future operation of WRSTP with the optional addition of further works to improve the treatment performance.

Project	Justification/Risk if not done	Estimated Cost (\$M)
Inlet Screen Renewal	Approaching design life, required to protect downstream processes	\$0.05
Electrical/Control Upgrade	Beyond design life, No modern safety standards, Close to point of failure for electrical and control system	\$1.4
Primary Sedi-tanks Mech & Elec Renewal	Travelling bridges beyond design life, Process failure if out of action	\$0.2
Trickling Filter Renewal	Concrete tanks separating prior to collapse, Process failure if not fixed	\$0.6
Humus Tanks Mech & Elec Renewal	Beyond design life, Process failure if not fixed leading to non-compliance	\$0.2
Clarigester Renewal	Concrete structure failing, Process failure if out of action leading to non-compliance	\$0.5
Sludge Pump Station Renewal	Pumps approaching design life, Process failure if not renewed.	\$0.2
	<b>Total</b>	<b>\$3.15</b>
<b>Optional Extra</b>		
Process Upgrade	New Bioreactors, Mech & Elec	<b>\$1.00</b>
	<b>Combined Total</b>	<b>\$4.15</b>

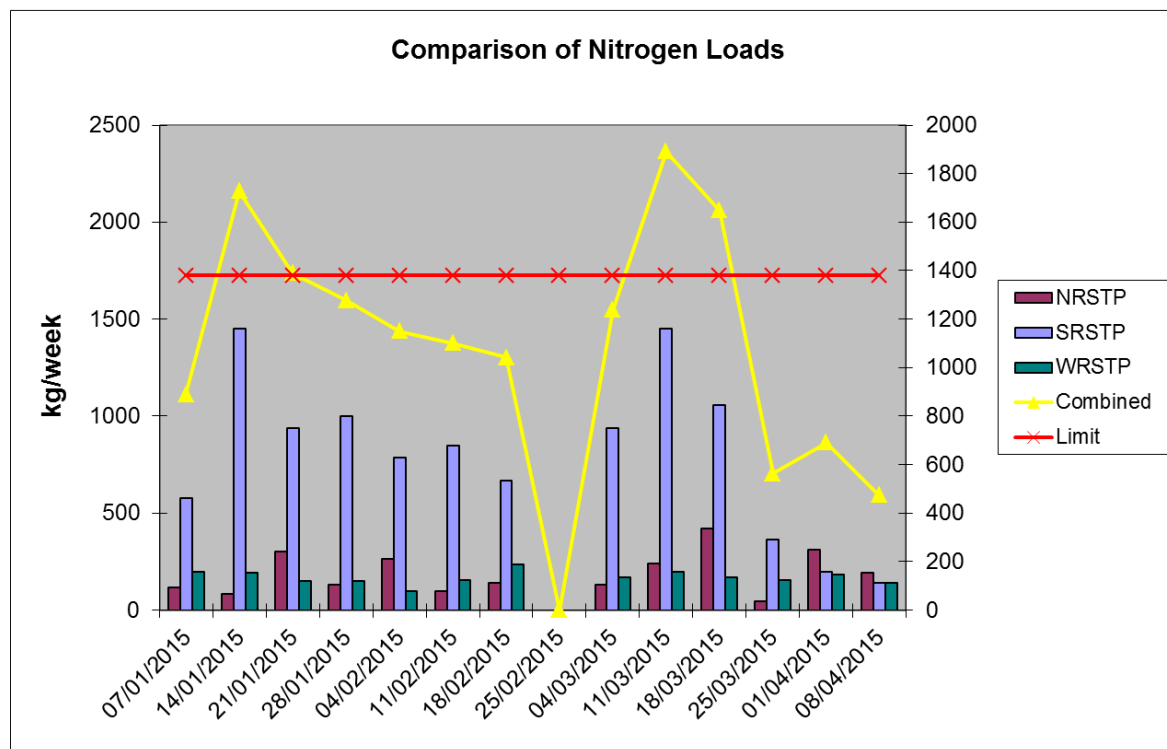


**Figure 1.** Photographs showing the ageing electrical switchboard (top) and the commencement of structural failure in the clarigester (bottom left) and trickling filter tank (bottom right).

### **IMPLICATIONS OF WRSTP ON ENVIRONMENTAL COMPLIANCE**

The three Rockhampton STPs currently all discharge effluent to the upper estuary of the Fitzroy River and therefore share a combined set of release limits for Total Nitrogen and Total Phosphorus. The high nitrogen content of the WRSTP effluent means that the nitrogen input from this STP is typically 5-6-fold greater than that of the other two STPs (see Figure 2). By retaining the WRSTP, the ability to treat and discharge increased future inflow

volumes at the other two STPs whilst maintaining compliance with the release limits for Total Nitrogen is significantly reduced due to the relatively poor performance of the WRSTP for removal of Total Nitrogen. This constraint has the effect of bringing forward the expensive (**greater than \$20M**) future upgrades for the NRSTP and SRSTP as their treatment performance declines gradually towards eventual non-compliance due to increased population loadings in their catchments.



**Figure 2.** Comparison of Nitrogen loads contributed by each of the three STPs to make up the combined Nitrogen load released to the river with the weekly Total Nitrogen environmental licence release limit (red line) shown also. Note the many occasions where the WRSTP contribution is equal to or greater than that of the much larger NRSTP. Note also the significant improvement to the SRSTP performance following the completion of the process upgrades in March 2015. The gap in the data in late February represents the week after the TC Marcia event before electricity was restored.

A number of previous consultancy reports have suggested that the WRSTP effluent be supplied as recycled water for turf irrigation. This effluent disposal option is not considered favourable for a number of reasons. Firstly, the construction of a recycled water supply main from the Gracemere STP to the Rockhampton Golf Club and other adjacent locations is now almost complete. This project was identified and approved by Council to ensure a long term disposal option for the Gracemere STP in order for it continue to operate in a compliant manner in years to come and obviate the need for an even more expensive solution to the future sewage treatment needs of Gracemere. Secondly, the elevated levels of nitrogen and phosphorus in the WRSTP effluent have the potential to lead to significant problems with toxic blue green algae blooms in effluent storage lagoons which may require further treatment or lead to cessation of irrigation due to increase risk to public health.

If the sewage flows currently treated at WRSTP are transferred to the SRSTP they will be treated to a higher standard (i.e. lower nitrogen and phosphorus) that will lead to improved environmental outcomes if disposed to the Fitzroy River. There will also be significant potential to establish recycled water use from the SRSTP due to the adjacent properties which have previously shown interest in this opportunity to use recycled water.

## TO KEEP OR NOT TO KEEP – A COMPARISON OF OPTIONS

The information in Table 2 provides a overall comparison of the pros and cons of retaining the WRSTP versus the preferred option of decommissioning this STP and instead pumping all sewage flows from the Jardine Park SPS through to the Arthur St SPS and then on to the SRSTP for treatment.

**Table 2.** Comparison of the Options to Retain WRSTP Vs Transfer to SRSTP

Criterion	Retain WRSTP	Transfer to SRSTP
Cost	\$3.15M (+ \$1.5M recycled water and/or \$1M process upgrade)	\$2.9M (+ \$150k Jardine Park SPS upgrade)
Environmental	Poor effluent quality	5-times better effluent quality
Licence Compliance	Decreased Performance	Improved Performance
Next STP Upgrades	Sooner due to reduced compliance	Deferred due to improved compliance
Recycled Water	Moderate potential, higher cost for construction of lengthy supply infrastructure	Significant potential, lower capital cost due to adjacent properties
Overall Risk	<b>High</b> due to infrastructure condition, higher cost, reduced environmental outcome and future STP upgrade projects brought forward	<b>Low to Moderate</b> due to improved outcomes for cost, environment and deferred future STP upgrade projects

The criteria considered for each of the two options presented includes the main drivers which have been described above. As can be seen below the option to decommission the WRSTP and transfer flows to the SRSTP for treatment is the preferred option for each of the criteria compared. It should be noted that the costs associated with decommissioning and/or demolition of the WRSTP have not been included in this analysis as the extent or timing of this undertaking has not yet been established and may or may not lead to significant expenditure.

### CONCLUSION

The previous decisions to proceed with the decommissioning of the WRSTP are supported by this additional analysis. It is therefore recommended that Council proceed with the previously adopted strategy to decommission the WRSTP and transfer flows to the SRSTP for treatment and disposal.

## **9 STRATEGIC REPORTS**

### **9.1 FRW MONTHLY OPERATIONS REPORT - APRIL 2015**

**File No:** 1466  
**Attachments:** 1. FRW Monthly Operations Report - April 2015  
**Authorising Officer:** Robert Holmes - General Manager Regional Services  
**Author:** Nimish Chand - Manager FRW

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#### **SUMMARY**

*This report details Fitzroy River Water's financial position and other operational matters for the Council's information as at 30 April 2015.*

#### **OFFICER'S RECOMMENDATION**

THAT the FRW Monthly Operations Report for April 2015 be received.

# **FRW MONTHLY OPERATIONS REPORT - APRIL 2015**

## **FRW Monthly Operations Report - April 2015**

**Meeting Date: 3 June 2015**

**Attachment No: 1**



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## MONTHLY OPERATIONS REPORT

### FITZROY RIVER WATER

#### Period Ended 30 April 2015

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#### VARIATIONS, ISSUES AND INNOVATIONS

##### *Innovations*

The capital project to upgrade the Glenmore High-Lift Water Pump Station is progressing steadily with the arrival in April of the four new pumps and motors that will replace the five existing pumps and motors. At a total cost of approximately \$750,000, the new pumps and motors will be installed over the coming months in a staged approach with installation works for two of the new pumps to commence in late June. The upgrade of this important pump station is due for completion in early 2016 and at a total cost of approximately \$11million, this upgrade will ensure that the Glenmore High-Lift Water Pump Station operates to meet the needs of the community for many years to come.

##### *Improvements / Deterioration in Levels of Services or Cost Drivers*

The third quarter was largely dominated by the natural disaster associated with the TC Marcia event which led to significant disruptions to water and sewerage service delivery across the region. These disruptions were due primarily to the loss of electricity supply to most of the region for periods of up to one week. During this period of disruption, FRW's resources were almost entirely focussed on recovering from the event to enable the rapid return to normal operations. The follow-on water quality event mentioned above that occurred after the cyclone passed served to extend the period of reduced service performance with numerous drinking water quality complaints received.

Although the TC Marcia event caused delays have been experienced with a number of key capital projects, progress towards the delivery of a significant number of capital works projects has continued during this period. Completion of the process upgrade at the South Rockhampton STP was a significant highlight during this period. Substantial progress has also been made with a number of pump station electrical upgrade projects for both water and sewerage assets.

LINKAGES TO OPERATIONAL PLAN

1. COMPLIANCE WITH CUSTOMER SERVICE REQUESTS

The response times for completing the predominant customer requests in the reporting period for 30 April 2015 are as below:

	Balance BIF	Completed In Current Mth	Current Month NEW Requests		TOTAL INCOMPLETE REQUESTS BALANCE	Work Orders Issued	Under Long Term Investigation	Avg W/O Issue Time (days) 12 months	Completion Standard (days)	Avg Completion Time (days) Current Mth	Avg Completion Time (days) 6 Months	Avg Completion Time (days) 12 Months	Avg Duration (days) 12 Months (complete and			
			Received	Completed												
Asset Eng/Jump up location/Wat/ Sew Invert Levels	0	0	1	1	0	0	0	0.00	2	●	1.67	●	2.00	●	2.24	0.55
Network Construction - Reworks (Reinstatement Proj)	1	0	1	1	1	0	0	4.97	1	●	5.00	●	1.69	●	3.29	5.47
Network Construction - Planned Works (Scheduled Re	0	0	1	1	0	0	0	8.77	1	●	1.00	●	4.67	●	3.81	3.67
Customer Service - Rebate Residential	0	0	10	8	2	0	0	0.00	30	●	0.25	●	2.58	●	5.06	3.28
Customer Service - Rebate Undetected Leaks	23	12	18	4	25	0	2	0.00	120	●	6.50	●	23.00	●	26.36	25.03
Customer Service - Standpipe Enquiry/Read (Asset)	0	0	0	0	0	0	0	0.00	2	●	0.00	●	3.00	●	3.00	0.83
Customer Service - Water Exemption Request	0	0	0	0	0	0	0	0.00	5	●	0.00	●	0.00	●	3.50	1.00
Development - Applications	0	0	1	0	1	0	0	0.00	10	●	0.00	●	0.00	●	0.67	1.25
Development - Building Over Sewerline	0	0	2	2	0	0	0	0.00	7	●	1.50	●	3.00	●	1.94	1.38
Network Systems ( Network Analysis Water or Sewer)	0	0	0	0	0	0	0	0.00	7	●	0.00	●	1.50	●	1.33	1.33
Development - Strategic Sewer	0	0	1	1	0	0	0	0.00	10	●	2.00	●	2.00	●	2.71	1.50
Development - Strategic Water	0	0	1	1	0	0	0	0.00	10	●	1.00	●	27.67	●	18.80	0.67
Environment and Water Conservation Enquiry	0	0	0	0	0	0	0	0.00	5	●	0.00	●	5.00	●	2.50	0.00
Finance - Irrigators/Water Allocations (Asset)	1	1	2	1	1	0	0	189.52	7	●	4.00	●	3.88	●	5.05	1.36
Network Services - No Water (Asset)	0	0	7	7	0	0	0	-0.67	1	●	0.14	●	1.35	●	1.08	0.16
Network Services - Reactive Sewerage Block (Asset)	3	0	39	38	4	1	0	-12.01	1	●	0.25	●	5.97	●	11.91	16.45
Network Services - Sewer Reimbursements	1	1	2	2	0	0	0	0.00	7	●	0.50	●	0.80	●	2.97	2.78
Network Services - Sewer Inflow Inspection/Enquiry	3	1	0	0	2	0	0	73.22	7	●	0.00	●	3.64	●	2.60	5.76
Network Services - Water Leaks (Asset)	5	4	83	80	4	0	0	3.19	1	●	0.31	●	0.52	●	0.97	1.03
Network Services- Poor Water Pressure (Asset)	0	0	11	11	0	0	0	5.12	1	●	0.13	●	1.41	●	1.16	0.31
Process - Tradewaste	1	1	7	6	1	0	0	168.20	7	●	2.17	●	2.74	●	2.71	1.63
Network Services - Lids/Cover (Asset)	0	0	9	9	0	0	0	9.90	1	●	0.33	●	1.36	●	3.96	2.16
Network Services - Meter Maintenance (Asset)	28	20	31	15	23	15	0	1.72	1	●	2.88	●	3.78	●	5.51	6.38
Network Services Private Works/Standard Connection	0	0	2	2	0	0	0	3.27	5	●	3.33	●	3.16	●	4.10	2.27
Network Services - Reinstatements	4	0	3	3	4	0	0	3.32	1	●	1.00	●	2.71	●	5.91	10.97
Network Services Spedal Water Meter Read Enquiry	0	0	1	1	0	0	0	0.00	10	●	0.00	●	4.75	●	5.50	3.55
Network Services - Water Meter Reading Enquiry	0	0	13	13	0	0	0	114.11	10	●	2.92	●	3.53	●	4.72	3.87
Process - Odour (Sewer Only) (Asset)	1	0	2	2	1	0	0	33.56	1	●	0.50	●	0.90	●	3.00	7.08
Process - River Quality	0	0	0	0	0	0	0	0.00	2	●	0.00	●	0.00	●	1.00	0.00
Process - Drinking Water Quality (Asset)	1	1	44	43	1	0	0	18.69	1	●	0.17	●	0.83	●	0.80	0.15
Water Meter Read Search - *NOT FOR CSO*	21	19	99	71	30	0	0	0.00	90	●	2.79	●	4.37	●	4.74	4.80

Comments and Additional Information

The Customer Service Request close out average times for FRW are not a true indicator of the time taken to respond and resolve customer requests. Particularly sewer jobs that require some further permanent repair or replacement are affected due to the linkage between Pathway and Conquest systems.

## **2. COMPLIANCE WITH STATUTORY AND REGULATORY REQUIREMENTS INCLUDING SAFETY, RISK AND OTHER LEGISLATIVE MATTERS**

### **Safety Statistics**

The safety statistics for the reporting period are:

	FOURTH QUARTER		
	April	May	June
<b>Number of Lost Time Injuries</b>	0		
<b>Number of Days Lost Due to Injury</b>	0		
<b>Total Number of Incidents Reported</b>	7		
<b>Number of Incomplete Hazard Inspections</b>	2**		

*\*\*Note: Two overdue Hazard Inspections were reported as not completed, but, one was sent to Workforce and Strategy after the cut-off date for the April HR Report.*

### *Treatment and Supply*

- No lost time injuries for the month.
- No employees are currently on long term lost time injuries.
- Four safety incidents were reported for the month.

### *Network Services*

- No lost time injuries for the month.
- No employees are currently on long term lost time injuries.
- Four safety incidents were reported for the month.

### *Operations and Planning*

- No lost time injuries for the month.
- No employees are currently on long term lost time injuries.
- One safety incident was reported for the month.

### **Risk Management Summary**

Potential Risk	Current Risk Rating	Future Control & Risk Treatment Plans	Due Date	% Completed	Comments
Inadequate physical security resulting in disruption or loss of critical services and supply, serious injury or death, damage to assets, theft; and damage to reputation.	Moderate 5	1. Conduct security audit of all sites and update as necessary.  2. Finalise and implement FRW Maintenance Strategy.	27/3/15	50%	Draft maintenance strategy completed.  Queensland Police Service have increased patrols of FRW sites.  Security audit site inspections completed – Consultant has not provided report even after a couple of extensions to deadline. Will engage 2 <sup>nd</sup> consultant to undertake the review.

**Legislative Compliance and Standards**

All services were provided in accordance with the relevant standards as required by legislation and licence conditions for both water and sewerage activities.

**3. ACHIEVEMENT OF CAPITAL PROJECTS WITHIN ADOPTED BUDGET AND APPROVED TIMEFRAME**

The following abbreviations have been used within the table below:

R	Rockhampton
G	Gracemere
M	Mount Morgan
WPS	Water Pump Station
SPS	Sewage Pump Station
STP	Sewage Treatment Plant
S	Sewerage
W	Water

Project	Start Date	Expected Completion Date	Completion Status	Budget Estimate	YTD actual/com mittals
<b>NETWORK SERVICES CAPITAL WORKS PROGRAM</b>					
<b>Rockhampton Water (water main replacement)</b>					
Port Curtis Road 150 mm water main replacement	February 2015	May 2015	100%	\$163,953	\$103,336
Comments: Construction Completed					
Hunter Street (Airport and Western Street) 200mm water main upgrade.	March 2015	April 2015	100%	\$96,030	\$62,905
Comments: Construction completed					
Gracemere Duplication (Athelstane) 300mm water main.	July 2014	June 2015	75%	\$1,800,000	\$1,833,133
Comments: On schedule - 4 stage Project end date 2016. Stage 2, completed. Stage 3, redesign of 200m section across an old land fill site to avoid trenching through landfill. Additional cost for pipes \$79,356.20. Considerable construction delays and additional costs during excavation of 360m through the old land fill site and removal of general rubbish.					
Synge and Harrington Streets 100mm water main upgrade	March 2015	April 2015	100%	\$84,289	\$63,470
Comments: Construction Completed					
Lakes Creek Landfill New 150mm water connection	November 2014	April 2015	100%	\$101,775	\$61,566
Comments: Under bore scheduled for early April					

Project	Start Date	Expected Completion Date	Completion Status	Budget Estimate	YTD actual/com mittals
<b>Rockhampton Sewer</b>					
Sewer rehabilitation program (including Building over Sewer works)	July 2014	June 2015	72%	\$1,900,000	\$1,430,397
Comments: Rehabilitation and renewals annual program of works.					
Ramsay Creek, construct new 225mm gravity sewer main	April 2015	July 2015	25%	\$200,000	\$48,080
Comments: On Schedule					
Ramsay Creek, sewer wet well duplication	April 2015	July 2015	40%	\$500,000	\$215,186
Comments: On Schedule					
<b>Gracemere Sewer</b>					
Gracemere Sewer Effluent Capricorn Highway	July 2014	June 2015	60%	\$563,933	\$308,212
Comments: On Schedule – 4 stage Project end date 2016. Stage 2, completed.					
<b>Mount Morgan (water mains replacement)</b>					
Darcy street ( Black & Norton street. 100mm water main upgrade	April 2015	May 2015	65%	\$61,339	\$49,332
Comments: On Schedule					
<b>Mount Morgan Sewer</b>					
Railway Ave New 225mm Gravity Sewer	October 2014	June 2015	40%	\$1,200,505	\$631,933
Comments: Construction delays continue, due to hard blue rock. Should pick up speed in next section.					
<b>TREATMENT AND SUPPLY CAPITAL WORKS PROGRAM</b>					
N SRSTP Interim Upgrade	July 2014	Mar 2015	100%	\$900,000	\$575,000
Comments: Completed.					
Pipeline from West to South STP – Design Phase	July 2014	July 2015	60%	\$200,000	\$60,625
Comments: Planning report completed and approved in April.					

Project	Start Date	Expected Completion Date	Completion Status	Budget Estimate	YTD actual/com mittals
R SRSTP Primary Valve Pit Replacement	July 2014	June 2015	15%	\$90,000	\$3000
Comments: Delayed slightly due to complexity of design.					
R NRSTP New Inlet Screen	August 2014	June 2015	40%	\$50,000	\$0
Comments: On schedule.					
R S Gracemere STP Augmentation Inlet Works Upgrade (Stage 1)	July 2014	June 2016	15%	\$3,000,000	\$296,315
Comments: Delayed slightly due to continued tender clarifications					
N Water Rogar Ave Reservoir Rechlorination Facility	September 2014	Dec 2015	10%	\$70,000	\$0
Comments: On schedule.					
N Water Mt Archer Reservoir Online Chlorine Analysis	July 2014	June 2015	15%	\$20,000	\$0
Comments: On schedule.					
R Water Barrage Gates Maintenance	September 2014	June 2015	10%	\$300,000	\$0
Comments: On schedule.					
R Water Barrage Gate Seal Rehabilitation	November 2014	June 2015	2%	\$300,000	\$0
Comments: Deferred until completion of crane rail restoration.					
R WTP Glenmore Concrete Refurbishment	August 2014	July 2015	5%	\$25,000	\$0
Comments: On schedule.					
M W Dam No 7 CCTV Installation	July 2014	July 2015	10%	\$30,000	\$1500
Comments: On schedule.					
M WTP CCTV Installation	July 2014	July 2015	10%	\$15,000	\$0
Comments: On schedule.					
M W Dam No 7 Raw Lift Pump Upgrade	July 2014	June 2015	40%	\$25,000	\$5000
Comments: On schedule.					

Project	Start Date	Expected Completion Date	Completion Status	Budget Estimate	YTD actual/com mittals
M W North Reservoir Roof Replacement	July 2014	Sep 2015	15%	\$100,000	\$0
Comments: Delayed slightly due to tender clarifications being sought.					
M STP Chlorination Upgrade	April 2013	June 2015	70%	\$15,716	\$8,250
Comments: On schedule.					
R – S NRSTP Aerator Replacement	July 2013	June 2015	70%	\$91,071	\$54,228
Comments: Currently being scoped for installation along with renewal of aerator bridge structure.					
Barrage Crane and Rail Restoration	December 2013	Sep 2015	20%	\$333,247	\$120,202
Comments: Project awarded to successful tenderer and design underway.					
GWTP Highlift Pump Station Upgrade (Stage 1)	July 2013	June 2015	98%	\$3,366,922	\$3,208,854
Comments: Stage 1 nearing completion.					
GWTP Highlift Pump Station Upgrade (Stage 2)	August 2014	March 2016	30%	\$3,510,000	\$750,000
Comments: On schedule but with slight delay due to late completion of Stage 1.					
GWTP Lowlift Pump Station Upgrade	July 2014	June 2015	50%	\$500,000	\$202,866
Comments: On schedule.					
Arthur Street SPS Electrical Upgrade	July 2014	Aug 2015	30%	\$422,130	\$73,956
Comments: On schedule.					
Yaamba Rd Reservoir Chlorination Upgrade	January 2014	June 2015	90%	\$50,000	\$17,568
Comments: On schedule.					
MM North Reservoir Rechlorination	July 2013	Aug 2014	100%	\$50,000	\$39,622
Comments: Completed.					
MMWTP Coagulant Dosing Upgrade	January 2014	June 2015	30%	\$30,000	\$15,000
Comments: On schedule.					
G Lucas St WPS pump and electrical switchboard upgrade	January 2014	Sep 2015	30%	\$500,000	\$10,935
Comments: Delay in progress during completion of design.					

#### **4. ACHIEVEMENT OF OPERATIONAL PROJECTS WITHIN ADOPTED BUDGET AND APPROVED TIMEFRAME**

As at period ending 30 April 2015.

Project	Revised Budget	Actual (incl. committals)	% budget expended	Explanation
Nil				

#### **5. DELIVERY OF SERVICES AND ACTIVITIES IN ACCORDANCE WITH COUNCIL'S ADOPTED SERVICE LEVELS**

Service Delivery Standard	Target	Current Performance
<i>Drinking Water Samples Compliant with ADWG</i>	>99%	>99%
<i>Drinking water quality complaints</i>	<5 per 1000 connections	1.26
<i>Total water and sewerage complaints</i>	N/A	206
<i>Glenmore WTP drinking water E.C Content</i>	<500 µS/cm	290 µS/cm
<i>Glenmore WTP drinking water sodium content</i>	<50 mg/L	22 mg/L
<i>Average daily water consumption – Rockhampton</i>	N/A	44.78 ML
<i>Average daily water consumption – Gracemere</i>	N/A	4.22 ML
<i>Average daily water consumption – Mount Morgan</i>	N/A	1.14 ML
<i>Average daily bulk supply to LSC</i>	N/A	7.07 ML
<i>Drinking water quality incidents</i>	0	0
<i>Sewer odour complaints</i>	<1 per 1000 connections	0.04
<i>Service Leaks and Breaks</i>	80	50
<i>Total water main breaks</i>	15	2
<i>Total sewerage main breaks and chokes</i>	32	18
<i>Incidence of unplanned interruptions – water</i>	N/A	24
<i>Average response time for water incidents (burst and leaks)</i>	N/A	115.9
<i>Average response time for sewerage incidents (including main breaks and chokes)</i>	N/A	85.76
<i>Rockhampton regional sewer connect blockages</i>	42	30

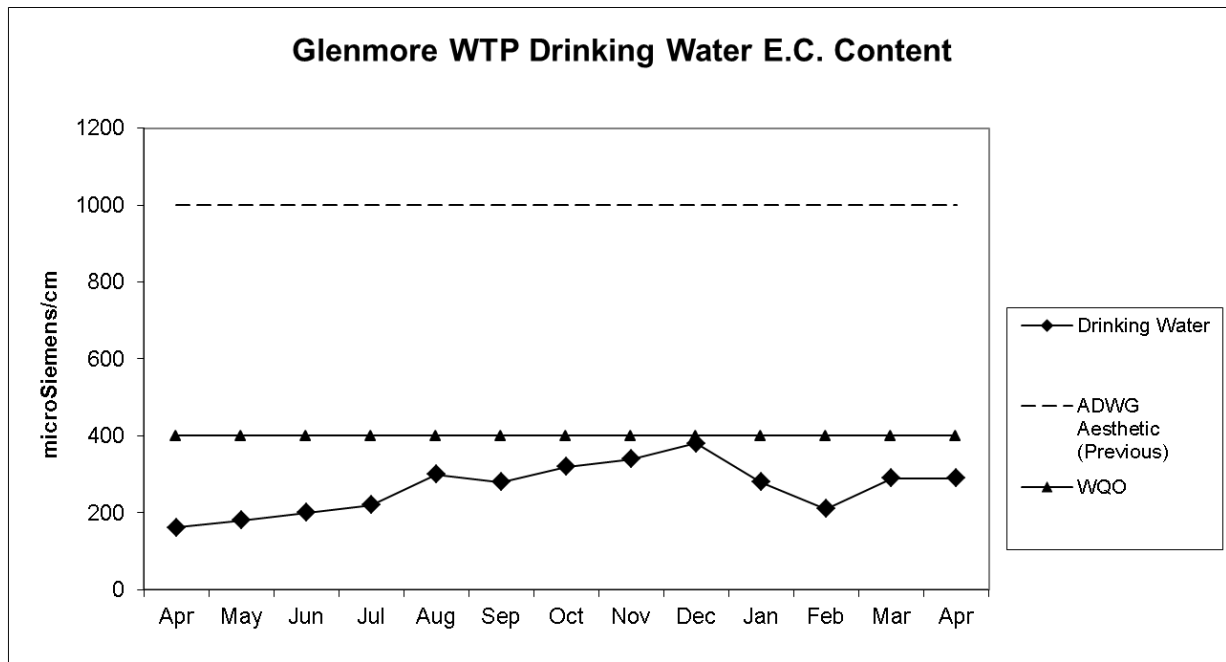
\*\*Where there are no targets identified they will be set as part of the revised FRW Customer Service Standards.

Refer to the individual graphs and information below.

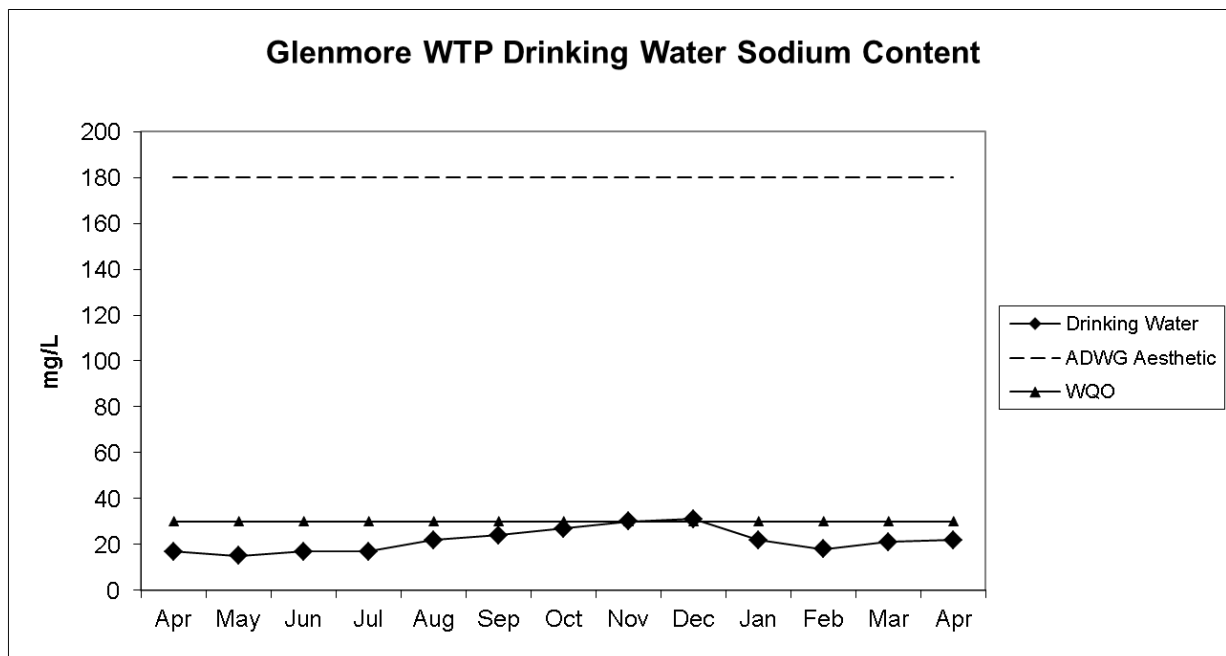


TREATMENT AND SUPPLY

Drinking Water E.C. and Sodium Content



The level of E.C. in drinking water supplied from the Glenmore Water Treatment Plant (GWTP) during April remained relatively constant at 290 µS/cm. The low E.C. value is due to the receipt of rainfall throughout the catchment which has led to a fresh flow through the Barrage. The level of E.C. is well below the Water Quality Objective of 400 µS/cm and well beneath the previously used aesthetic guideline value of 1000 µS/cm. The E.C. reading is not expected to increase significantly within the next few months.

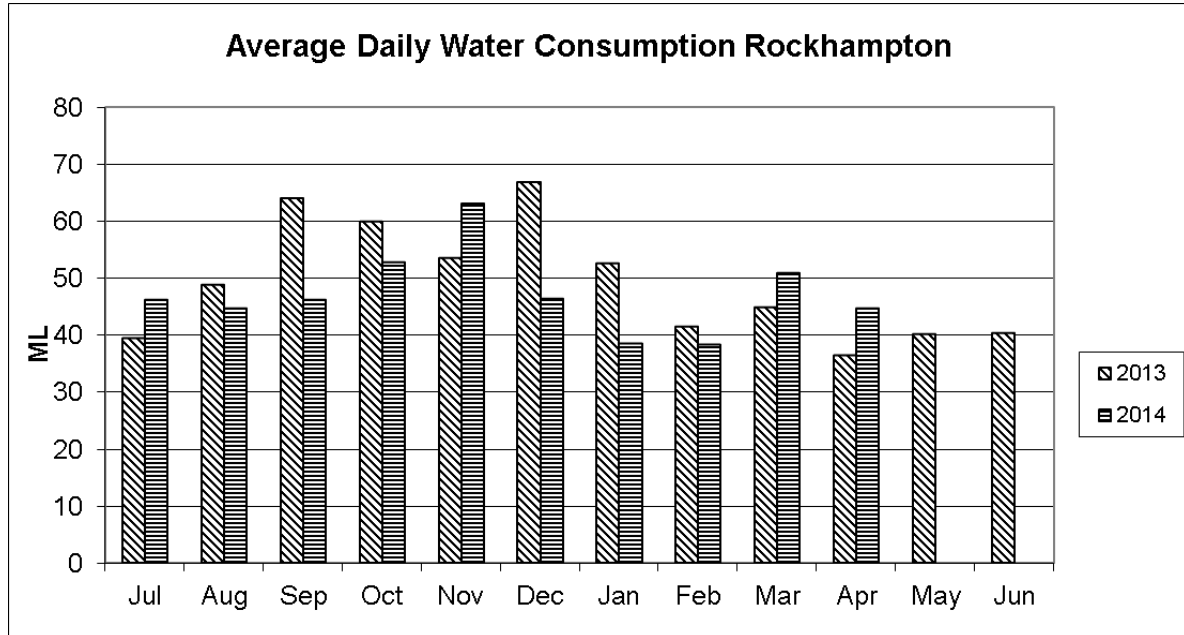


The concentration of sodium in drinking water supplied from the GWTP during April increased slightly to be 22 mg/L. The low sodium concentration is due to the receipt of rainfall throughout the catchment which has led to a fresh flow through the Barrage. The current level of sodium is beneath the Water Quality Objective value of 30 mg/L and is well beneath the aesthetic guideline of 180 mg/L for sodium in the Australian Drinking Water Guidelines. The sodium concentration is not expected to increase significantly within the coming months.

Drinking Water Supplied

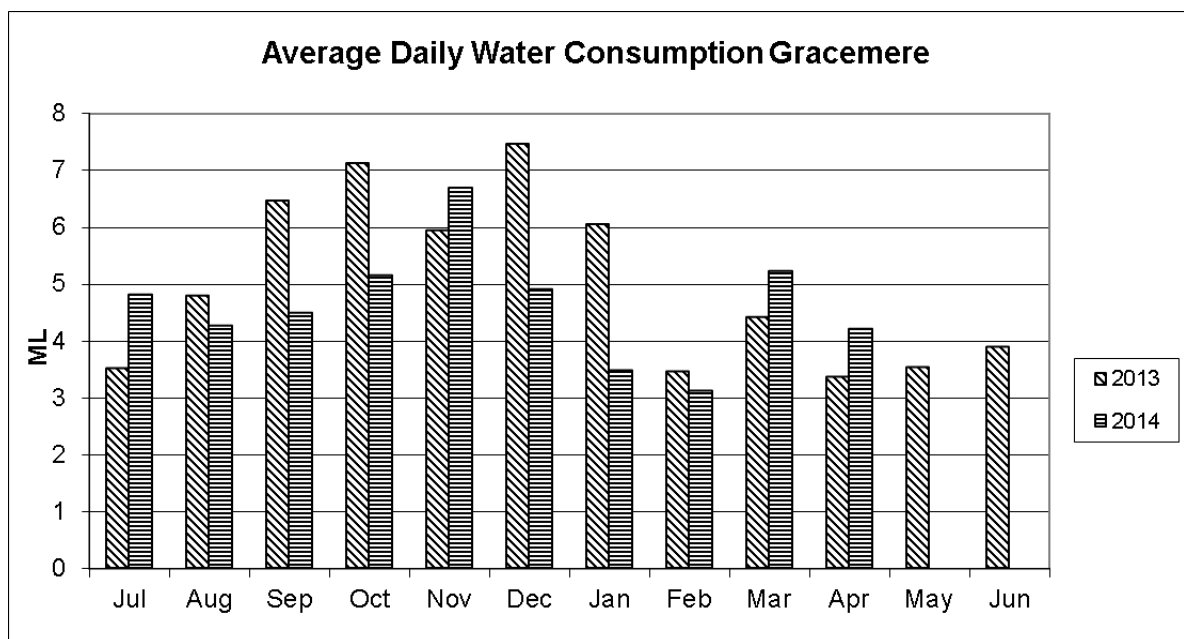
Data is presented in graphs for each water year (e.g. 2014 is the period from July 2014 to June 2015).

Rockhampton



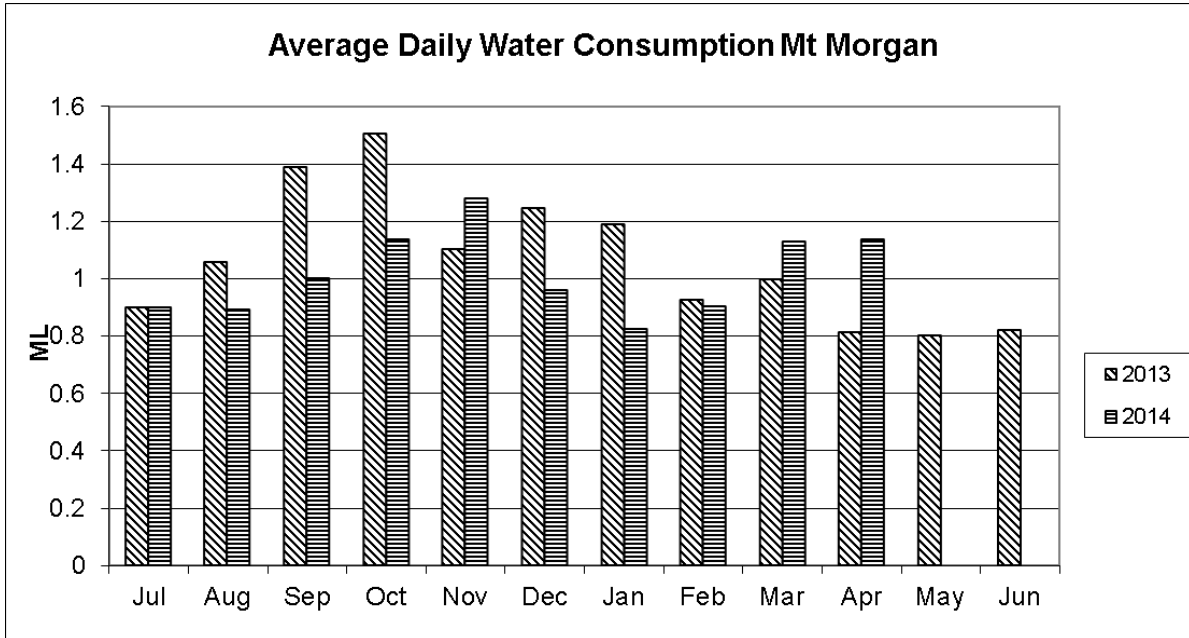
Average daily water consumption in Rockhampton during April (44.78 ML/d) was lower than that reported in March but was greater than that reported in the same period last year. The increase in consumption was due to the relatively low amount of rainfall received during the month. The Fitzroy Barrage Storage is currently at 100% of full storage level and is therefore well above the threshold in the Drought Management Plan used to trigger the implementation of water restrictions.

Gracemere



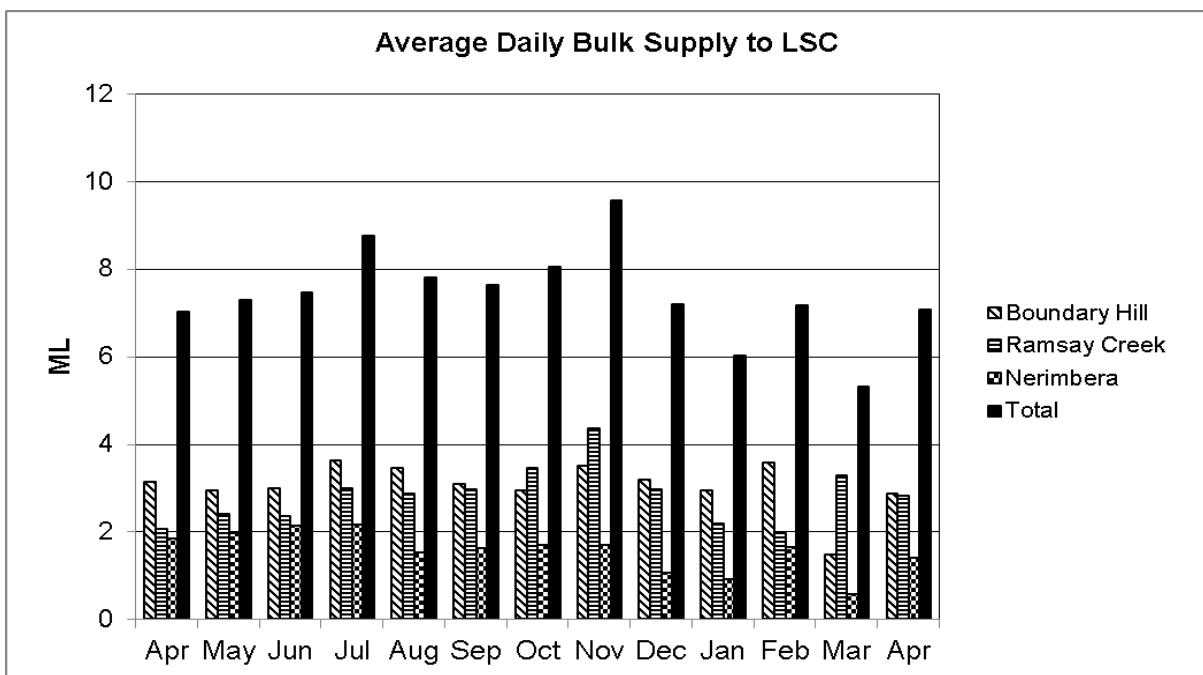
Average daily water consumption in Gracemere during April (4.22 ML/d) decreased compared to that reported in March but was greater than that reported in the same period last year. The increase in consumption was due to the relatively low amount of rainfall received during the month. The Fitzroy Barrage Storage is currently at 100% of full storage level and is therefore well above the threshold in the Drought Management Plan used to trigger the implementation of water restrictions.

Mt Morgan



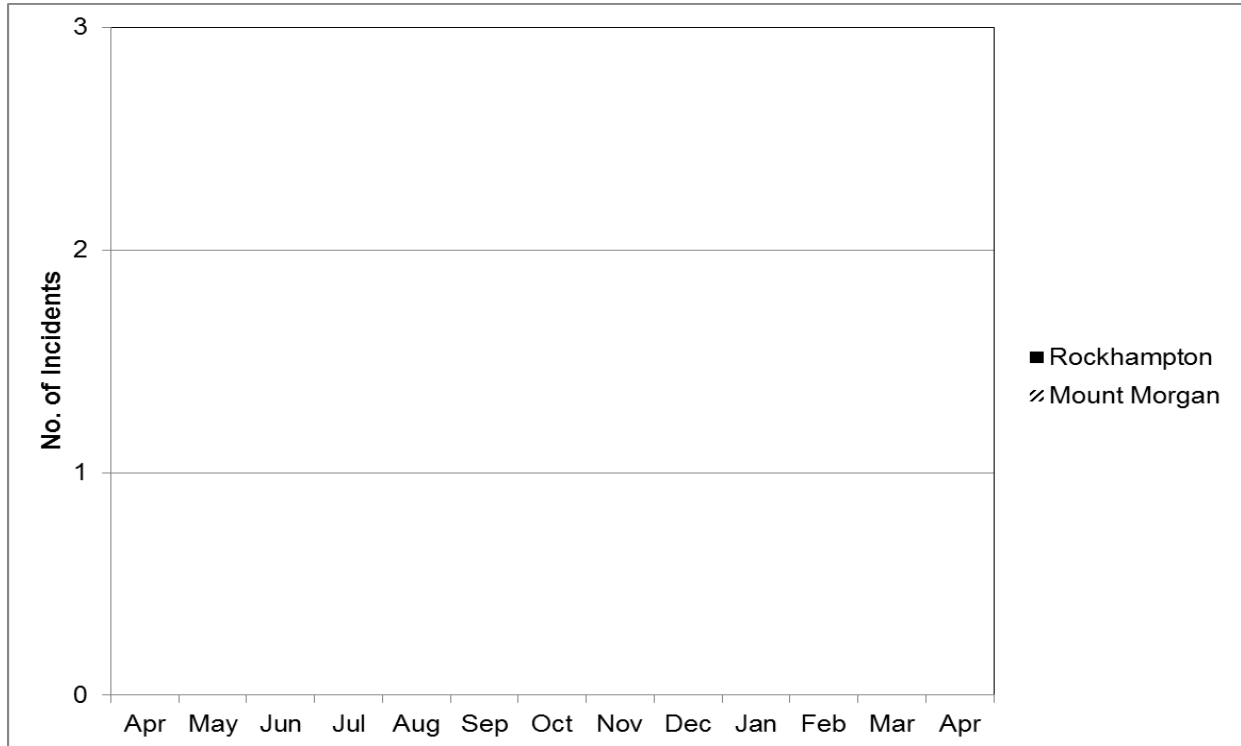
Average daily water consumption in Mount Morgan during April (1.14 ML/d) was very similar that reported in March and was greater than that reported for the same period last year. The increase in consumption was due to the relatively low amount of rainfall received during the month. The No. 7 Dam is currently at 95% of full storage level, well above the 50% storage threshold value in the Drought Management Plan that is used to trigger the implementation of water restrictions in Mount Morgan.

Bulk Supply to Livingstone Shire Council



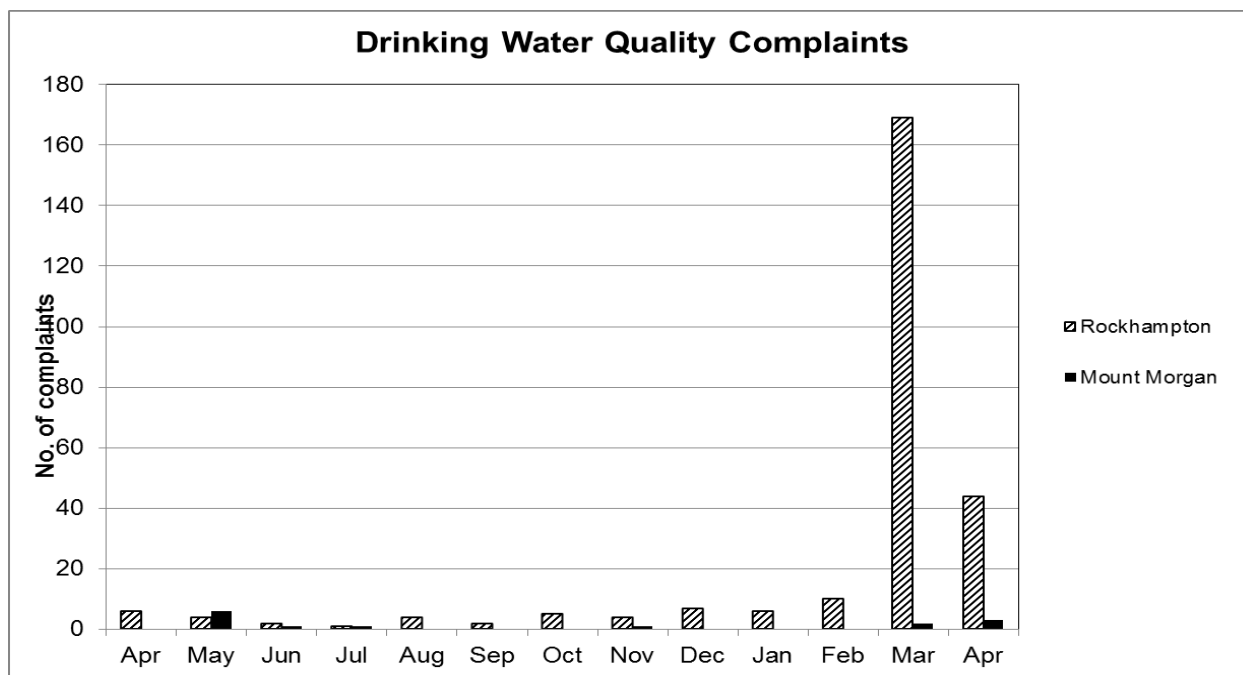
Overall, the average daily volume of water supplied to LSC increased during April compared to that recorded in March to be 7.07 ML/d. This overall increase was due to an increase in supply via the Boundary Hill Reservoir and the Nerimbera supply point during the month of April.

Drinking Water Quality Incidents



No serious water quality incidents occurred during the month of March that posed a risk to public health. However, the significant water quality event in the Fitzroy River led to one minor exceedance in early April of the health guideline value for Total Trihalomethanes (THM) which are formed when chlorine reacts with elevated concentrations of organic compounds. Since this time there have not been any exceedances of Australian Drinking Water Guidelines health guideline values.

Drinking Water Quality Complaints

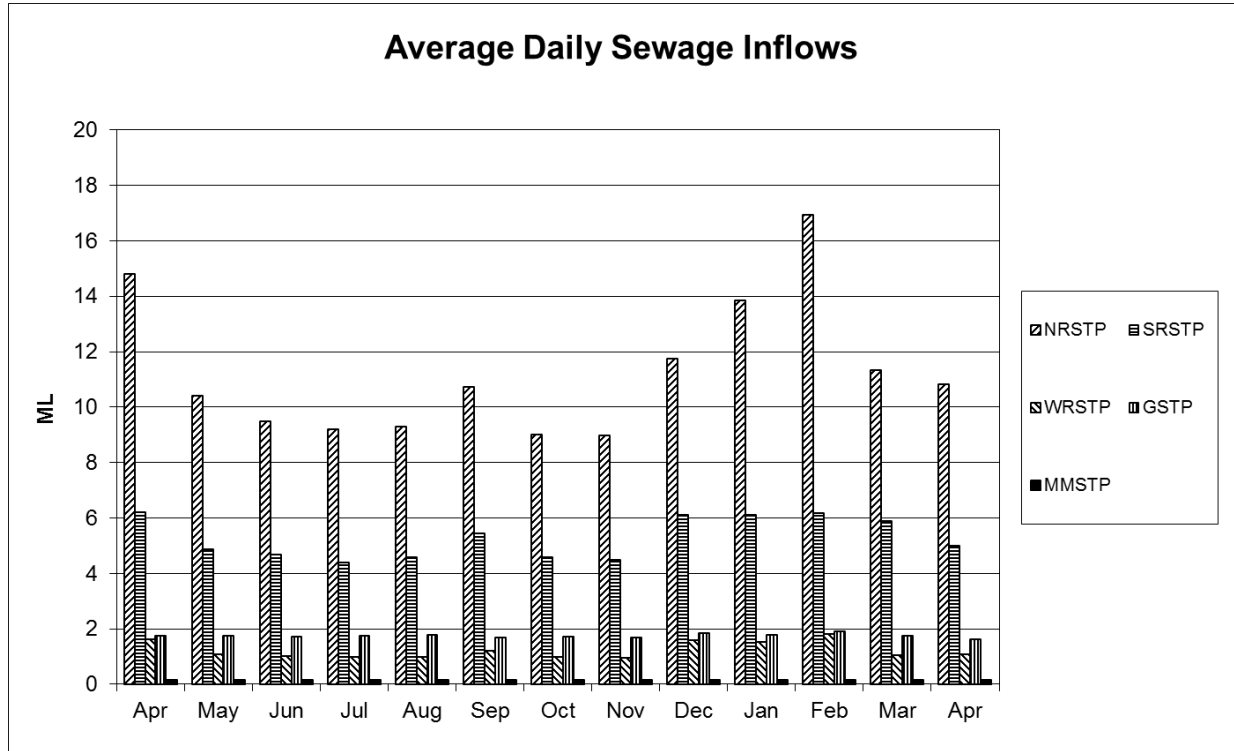


	Elevated Chlorine	Taste/Odour/Quality	Discoloured Water	Physical Appearance (e.g. residue or air)
No. Complaints	0	32	14	0

The total number of drinking water quality complaints (46 complaints) received during April decreased significantly from the 171 complaints received in March.

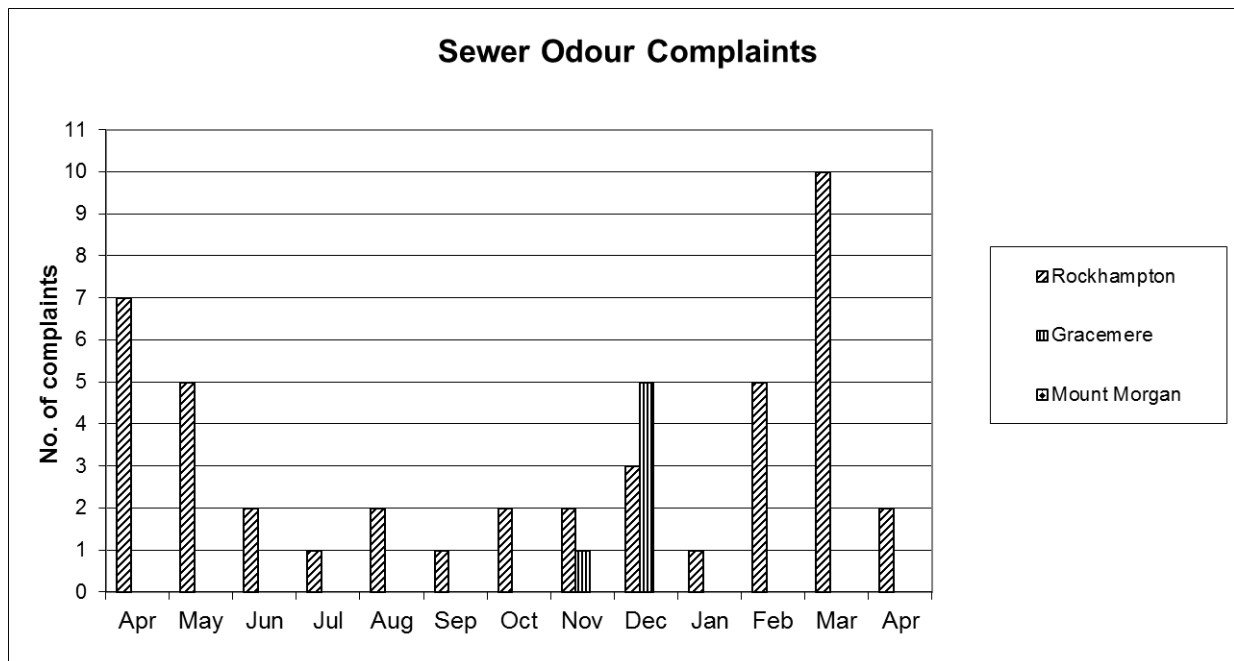
All except three of the complaints were received from Rockhampton. The complaints were associated with taste and odour or discoloured water due to the lasting effects of the changed river water quality after Tropical Cyclone Marcia. FRW took a range of actions to address the complaints including flushing mains, performing additional testing or providing information about the nature and cause of the water quality complaints.

Sewage Inflows to Treatment Plants



Average daily sewage inflows during April decreased slightly compared to that reported in March due to the relatively low amount of rainfall received during the month compared to March. The level of inflows remained slightly higher than normal dry weather inflows due to the gradual decline in groundwater infiltration into the network following the Tropical Cyclone Marcia event.

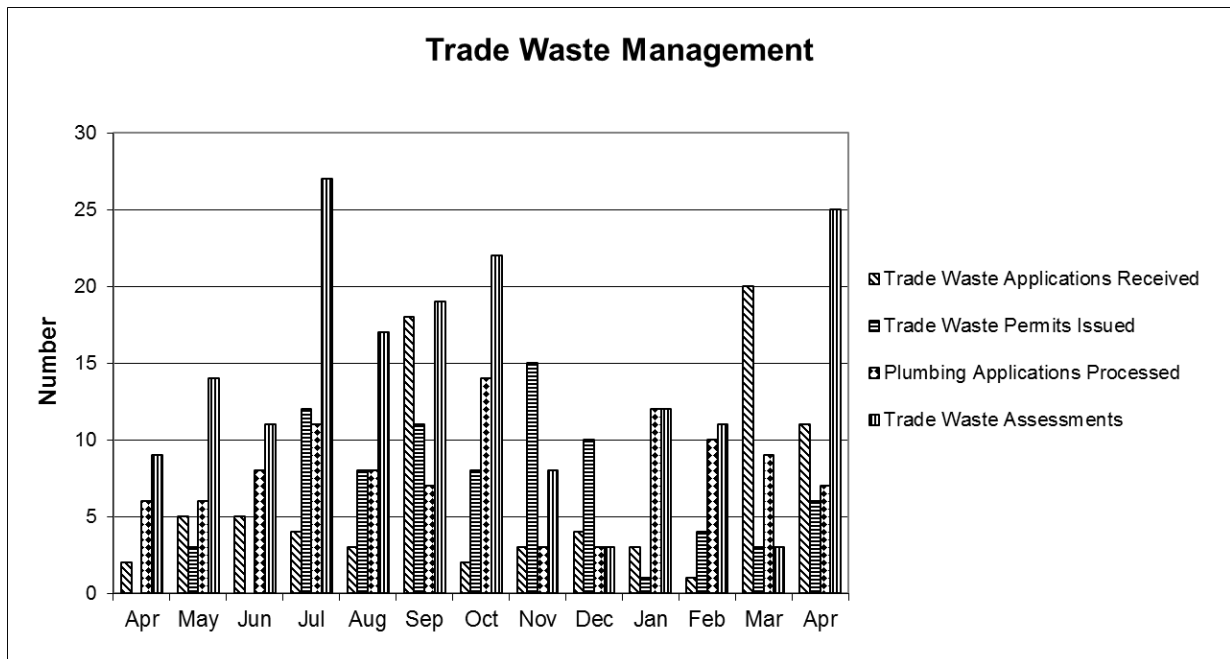
Sewer Odour Complaints



Two sewer odour complaints were received during the month of April, a decrease from the 10 complaints received in March. All complaints were received from Rockhampton and were associated with a sewer odour emanating from parts of the sewerage network. All

complaints were investigated and action taken where possible to resolve the odour problems.

Trade Waste Management Activities

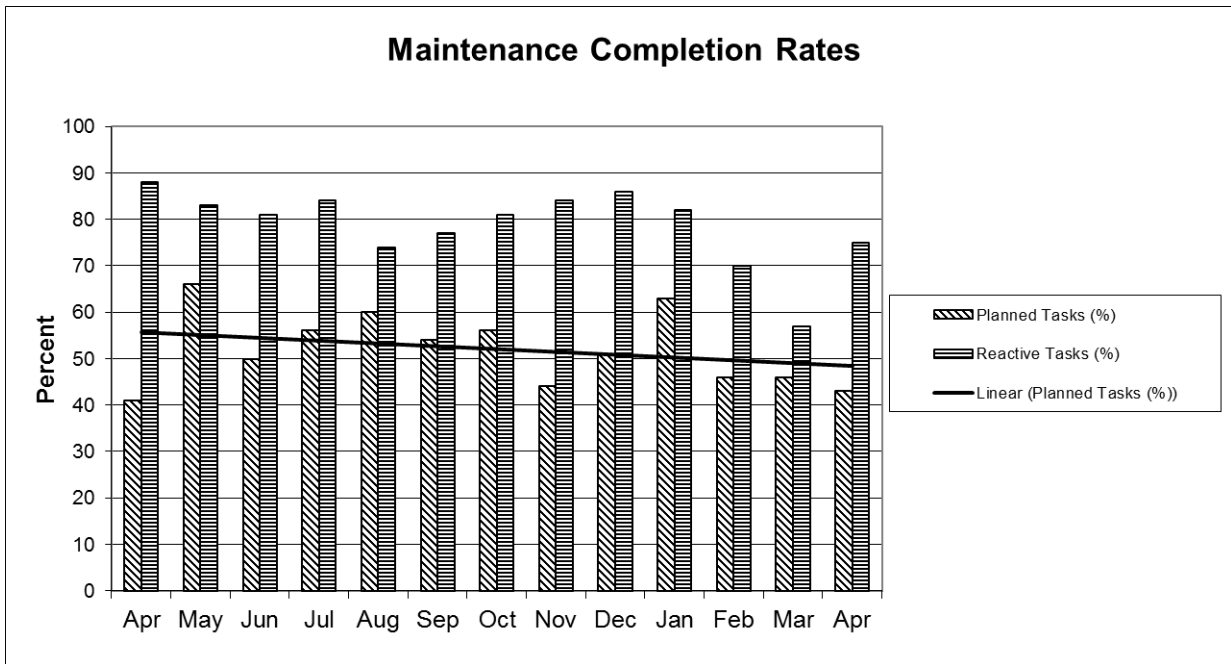


Eleven Trade Waste applications were received and six Trade Waste Permits were issued during March. Seven Plumbing Applications were processed and 25 Trade Waste Assessments were completed by the team.

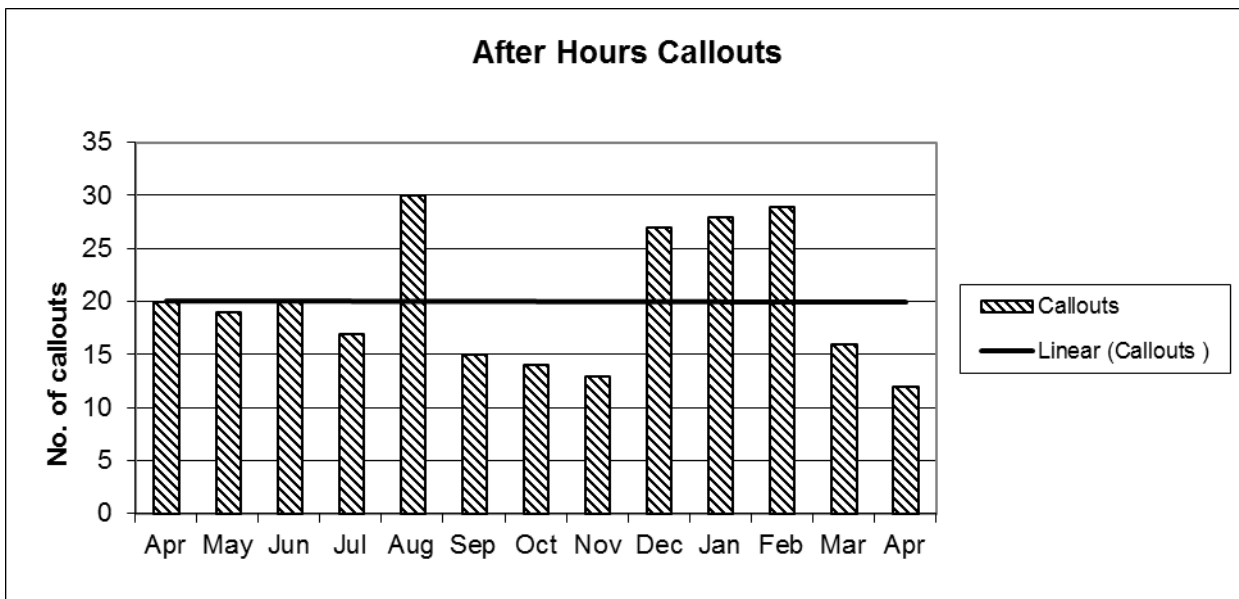
Treatment and Supply Maintenance Activities

The table below shows the breakdown of work completed based on the category of the work activity.

Maintenance Type	Work Category			
	Electrical	Mechanical	General	Operator
Planned	10	54	48	N/A
Reactive	63	30	0	0
After hours callouts	7	2	0	0
Capital	0	0	0	N/A
Safety and Compliance	0	21	1	0



A total of 280 preventative maintenance activities were scheduled and 124 reactive maintenance activities were requested during the month of April. Completion rates for each type of maintenance activity by the end of the month were 43% and 75% respectively.

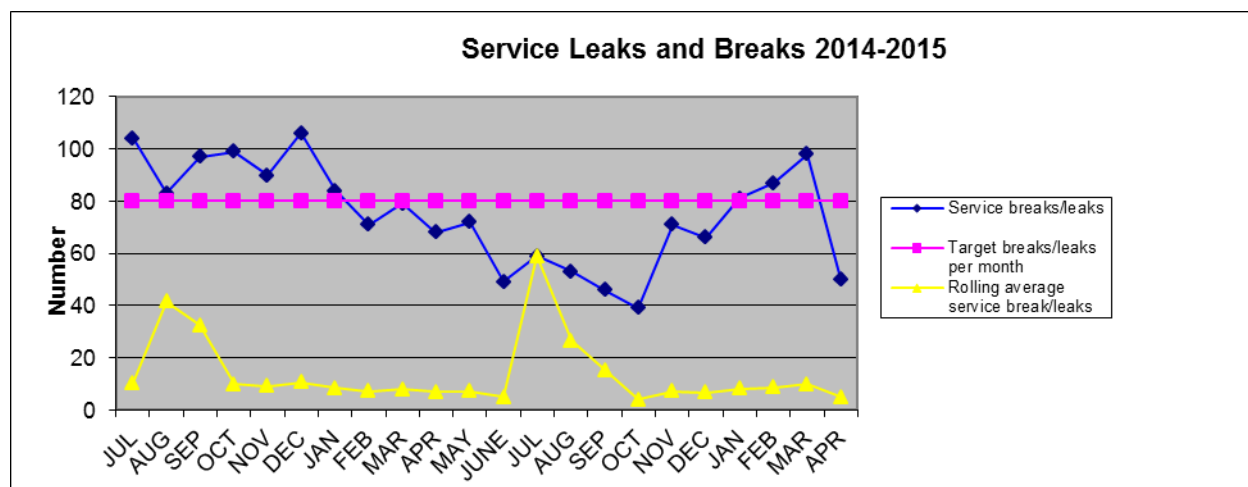


The number of after-hours call-outs for Treatment and Supply (12 call-outs) decreased significantly during April compared to March. The number of callouts was lower than the 12 month rolling average of 20 call-outs. The trend line in the graph indicates a gradual increase in call-outs following the elevated numbers over the summer months. In the majority of cases, the faults were rectified within the targeted rectification time according to the Priority Ratings used for rank reactive maintenance events.



**NETWORK SERVICES**

Regional Service Leaks and Breaks



Performance

Target achieved.

Issues and Status

Maintenance records indicate a high percentage of service breaks and joint failures consistently occurring on poly services.

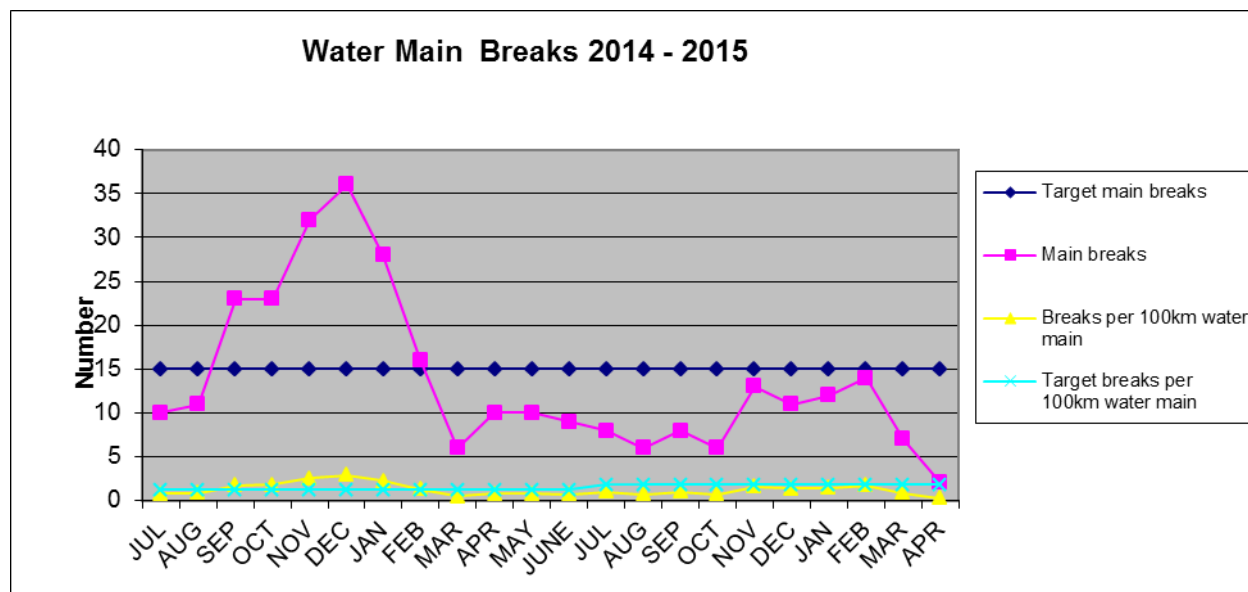
Response to Issues

Water services subject to two failures are being replaced under the capital replacement programme to minimise the risk of failure.

- Poly pipe and fittings = 98%
- Galvanised iron = 2%

Locality	Service Leaks / Breaks
Rockhampton	45
Mount Morgan	5
<b>Regional Total</b>	<b>50</b>

Regional Water Main Breaks



Performance

Target achieved.

Issues and Status

Nil.

The following table shows the number of breaks per month.

Water main type	February 2015	March 2015	April 2015
Cast Iron	2	3	2
A C	9	4	0
PVC	1	0	0
Mild Steel	0	0	0
Poly	2	0	0
<b>TOTAL</b>	<b>0</b>	<b>7</b>	<b>2</b>

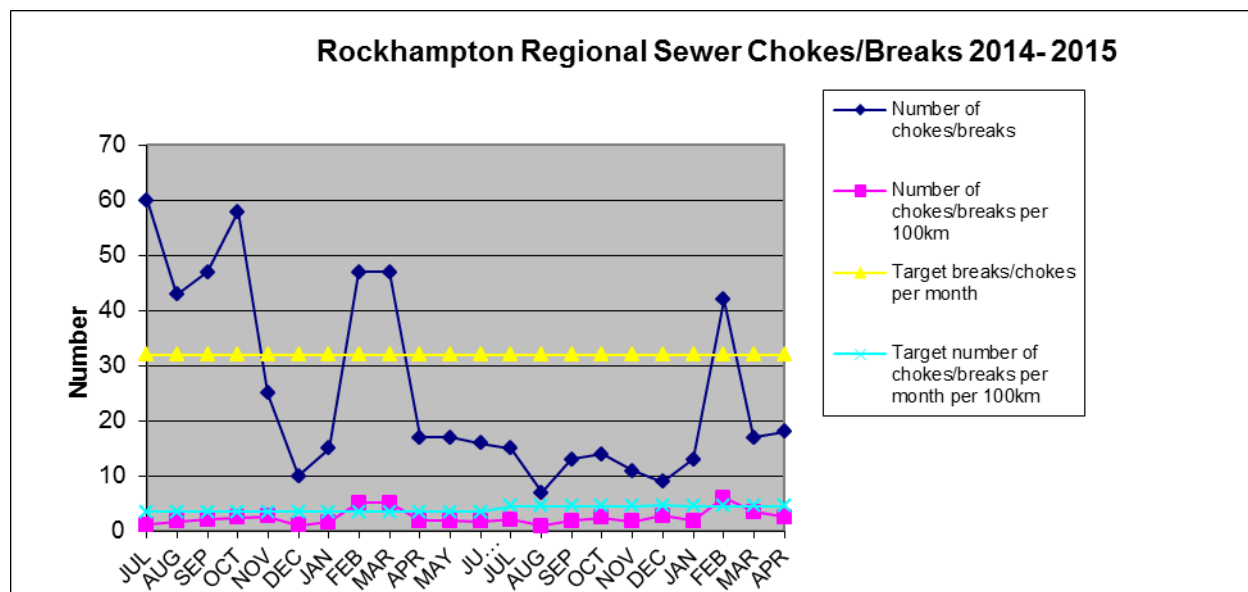
Response to Issues

Continue defect logging and rectification will reduce failure occurrences.

	Number of Main Breaks	Target Main Breaks	Breaks per 100 km	Target Breaks per 100 km	Rolling average per 100 km
April	2	15	0.25	1.84	0.02

Locality	Main Breaks
Rockhampton	2
Mount Morgan	0
<b>Regional Total</b>	<b>2</b>

Rockhampton Regional Sewer Chokes/Breaks



Performance

Target achieved.

Issues and Status

Data indicates that blockages / overflows have been caused by tree root intrusion

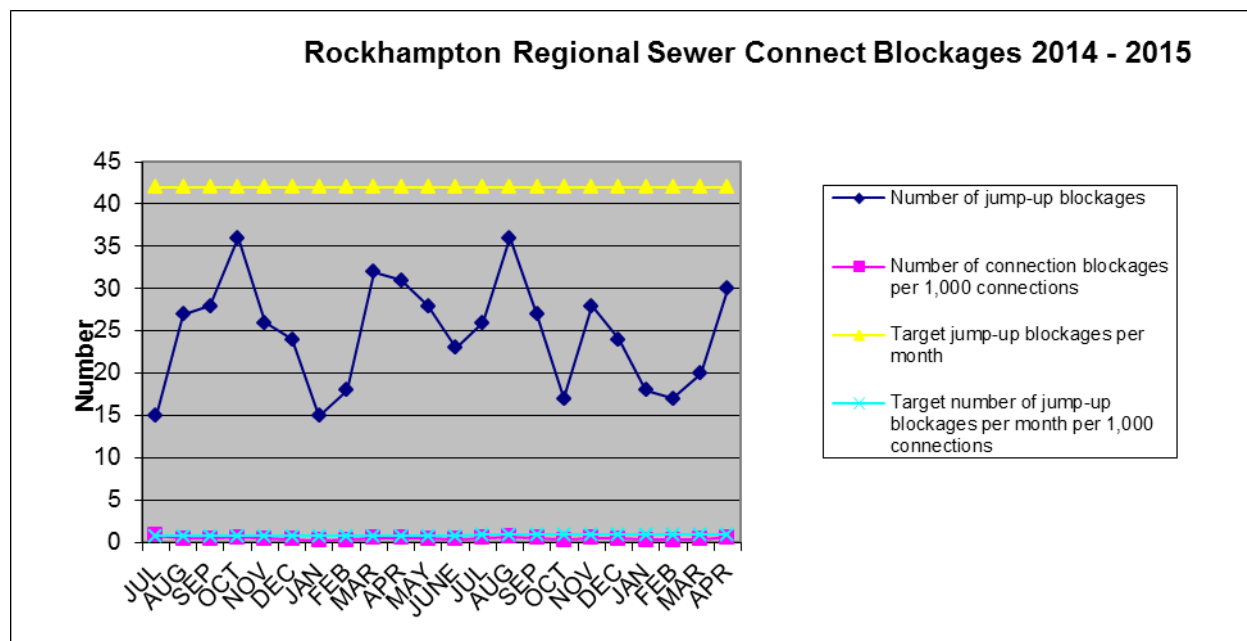
Response to Issues

Continue to log defects and monitor outcomes to ensure inclusion in the Capital Relining rehabilitation program.

	Number of chokes/ breaks	Target chokes/breaks per month	Number of chokes/ breaks per 100 km	Target number of chokes / breaks per month per 100km	Rolling 12 month average per 100 km chokes / breaks
April	18	32	2.6	4.58	2.50

Locality	Surcharges	Blockages
Rockhampton	11	18
Mount Morgan	0	0
<b>Regional Total</b>	<b>11</b>	<b>18</b>

Rockhampton Regional Sewer Connection Blockages



Performance

Target achieved

Issues and Status

Data indicates that the majority of blockages have been caused by broken pipes due to age and tree root intrusion.

Response to Issues

Continue to assess properties with repeat breaks and chokes for inclusion in the capital replacement programme.

	Number of connection blockages	Target connection blockages per month	Number of connection blockages per 1,000 connections	Target number of connection blockages per 1,000 connections	12 month average per 1,000 connections
April	30	42	0.61	0.95	0.10

Locality	Connection Blockages
Rockhampton	30
Mount Morgan	0
<b>Regional Total</b>	<b>30</b>

Sewer Rehabilitation Program

Work Location	Number completed for the month	Year to date totals
Access Chambers raised	5	47
Sewers repaired	5	83

Private Works

Table 1: New Water Connections:

Region	April	Year to Date 2014	Year to Date 2013	Year to Date 2012	Year to Date 2011
Gracemere	2	51	71	453	325
Rockhampton	11	147	202	143	86
Mt Morgan	0	0	0	0	0
<b>Regional Total</b>	<b>13</b>	<b>198</b>	<b>273</b>	<b>596</b>	<b>411</b>

This table and graph shows the water connection data, for April, for the past four years.

Region	April 2015	April 2014	April 2013	April 2012
Gracemere	2	5	32	18
Rockhampton	11	11	20	3
Mount Morgan	0	0	0	0
<b>Total</b>	<b>13</b>	<b>16</b>	<b>52</b>	<b>21</b>

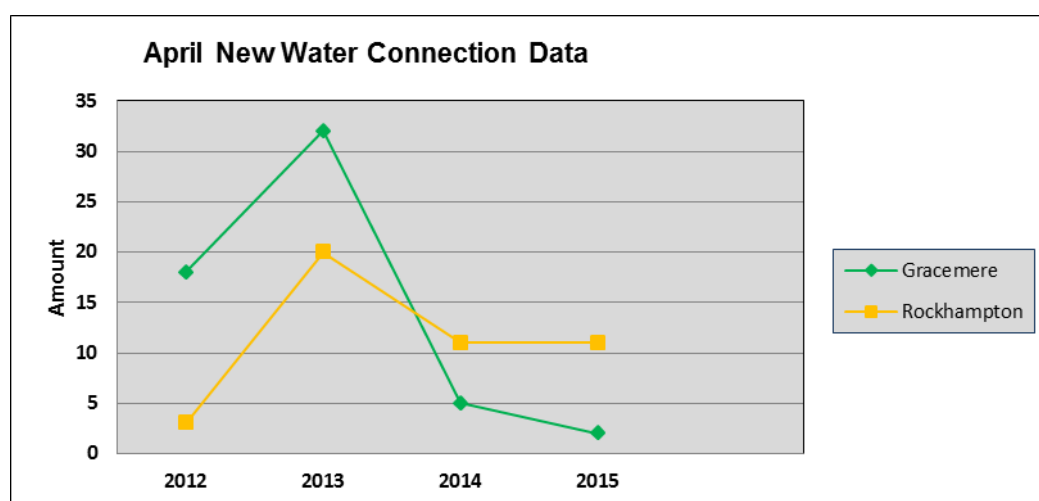


Table 2: Details on Private Works Jobs

Table 2 shows the number and quantity of private works jobs quoted and accepted during the reporting period and year to date. Jobs include both water and sewerage.

	April	Amount	YTD	Amount
Quotes Prepared	8	\$97,180.77	135	\$1,244,945.00
Quotes Accepted	5	\$20,816.94	91	\$601,962.68
Jobs Completed	12	\$43,866.31	88	\$600,219.99

Customer Enquiries - Pathways

Request Type	No. of Requests	Requests Outstanding
NSPWSC - Network Services – Private Works/Standard Connection Enquiry	3	0

Table 3: Undetected Leaks (Residential)

	April	FYTD
New requests	15	196
Number declined	2	24
Number approved	7	132
Require more info	0	72
Total KI rebated	2860	97856
<b>Total value approved</b>	<b>\$5,759.63</b>	<b>\$175,044.28</b>

Table 4: Undetected Leaks (Commercial)

	April	FYTD
New requests	1	7
Number declined	0	0
Number approved	2	17
Require more info	0	1
Total KI rebated	1029	18089
<b>Total value approved</b>	<b>\$414.17</b>	<b>\$9,135.46</b>

Table 5: Residential Rebates

	April	Total FYTD Applications	Total FYTD \$
Washing machines	7	115	11,500
Stand Alone tank	0	3	\$750
Integrated tank	0	0	\$0
Dual flush toilet	0	3	\$150
Shower rose	0	3	\$75
<b>Total</b>	<b>7</b>	<b>117</b>	<b>\$12,475</b>

Currently there is one unapproved application pending further advice from the applicant. This relates to:

- The name on the purchase receipt was not attached to the application (1).

There was one declined application relating to:

- The plumbing final being over 12 months old (1).

#### Water Meters

13,497 water meters were read during the month of April and approximately 8,000 accounts being sectors 1, 2 and 3 were issued to customers. Fourth quarter reads commenced on 13 April 2015.

Sectors Read for April	01	02	03	04	05	Total
No. of meters in Sector	2300	3530	2112	2895	2660	13,497
No-Reads	12	13	2	18	11	56
% Of No-Reads	0.5%	0.3%	0.09%	0.6%	0.4%	0.4%

#### Special Water Meter Reads

Reading Type	No. of Reads	\$ Value
Water Account Search - Averaged Readings \$28 per read	62	\$1,736.00
Water Account Search - On-Site Readings \$147.00 per read	25	\$3,675.00
Total \$ Value for April		\$5,411.00
Total \$ Value Year to Date		\$64,071.00

Customer Enquiries - Pathways

Request Type	No. of Requests	Requests Outstanding
NSWMRE - Network Services - Water Meter Reading Enquiry	14	1
NSSWMR - Network Services Special Water Meter Read Enquiry	1	1
FINIRR - Finance - Irrigators (Asset)	3	2

Building Over Sewers

The following summary is an overview of the core business activity that requires ongoing negotiations with the respective stake holders and detailed investigations to determine location and condition assessments of the associated infrastructure.

## Activity Summary

	April	YTD
General enquiries	20	899
Site investigations	9	320
Approval Permits issued	1	45
Permits closed	1	19
<b>Total</b>	<b>31</b>	<b>1283</b>

Building Over Sewer Permits in Progress

There is one permit in progress.



**ADMINISTRATION MATTERS**Dial Before You Dig (DBYD)

The average number of requests received per day for April was 8.20.

	<b>February 2015</b>	<b>March 2015</b>	<b>April 2015</b>	<b>FY Total</b>
<b>Requests Processed</b>	186	205	246	2228

Site Tours

There were two site tours held in March.

One group consisting of 25 students in total from the CQU toured both the North Rockhampton Sewerage Treatment Plant (NRSTP) and the Glenmore Water Treatment Plant (GWTP) on 28 April 2015.

Communication and Education*News in Education advertisement*

A new agreement has been prepared with APN for the period of March 2015 – March 2016. Topics to be arranged for advertising schedule.

*Website Content and Navigation Review*

Updated content and navigation has been developed and proposed for FRW approval in preparation for the RRC website upgrade. The updated navigation is aimed at making the website more user-friendly and more customer focused.

*Media Releases and Community Notices*

Public Notice published on 18 April 2015 regarding possible water supply fluctuations in Gracemere due to project work. No media releases or alerts issued in April. Multiple media alerts and releases were issued during March advising of impacts to the water network, the location of bottled water and water trucks, and the need to be waterwise.

**INFRASTRUCTURE PLANNING**Sewer Network Investigations*North Rockhampton Flood Mitigation Investigation*

The contractor has commenced their review of both sewer and stormwater flows entering the catchment and will carry out further refinement of these flows before developing pump station strategies.

Investigations are continuing into the source of the large inflows recorded in the Berserker St 900mm and Maloney Street 525mm trunk sewers. The influence of the Bodero St sewer pump station has been identified as a potential source of inflow for both trunk sewers. A review of SCADA data and design drawings is to be carried out. Damaged access chambers in Splitters Creek have also been identified as a potential source of inflow to the Maloney Street trunk sewer.

*Mt Morgan Sewerage Strategy*

No further developments.

*West to South STP Transfer*

Review of the draft standalone planning report for the West to South STP transfer has been completed and awaiting final sign off.

*Bruce Highway/Ramsey Creek Sewer Pump Station Wet Well*

A request was received from the property owner to relocate the proposed access chamber that would ultimately service his property located on the western side of Yaamba Road. Given that the alternative location did not disadvantage the adjacent property to any great extent the design department and construction team were consulted and the alternative location was subsequently adopted.

*Parkhurst Sewerage Pump Station Implementation Strategy*

No further development.

*Gracemere – Fisher Street Sewerage Pump Station*

The existing pump model details have still not been confirmed.

*Kershaw Gardens Amenities Block Connection*

No further development.

Water Network Investigations*Mt Morgan – Future Water Supply*

A draft feasibility specification has been prepared and is currently under review. The nominated budget for this study is \$50,000.

*Water Meter – Thematic Mapping of Consumption*

No further development.

**FINANCIAL MATTERS**Operational

Revenue is currently 93.5% of the 2014/2015 proposed revised budget. Most revenue streams are on target, with the exception of other income which is largely made up of insurance claim revenue following TC Marcia.

Gross water consumption revenue is 81.7% of budget and includes three Rockhampton sectors fourth quarter billing. Overall water consumption (kl) and gross billed dollar amounts are down by approximately 9.6% and 9.5% respectively for the same period in 2013/2014 financial year. Bulk water consumption is below target by approximately 6% following TC Marcia consumption in the Nerimbera and Cap Coast regions dropped significantly. Fees and charges are on target.

Expenditure year to date is 82.6% of 2014/2015 proposed revised budget. Overall expenditure is on target. Some expenditure groups within service units are above expectation and continue to be monitored in line with groups under expenditure.

The figures in revised budget area are only draft figures and are yet to be adopted by Council.

Capital

Capital expenditure is below the percentage of year elapsed at 39.5% in comparison to the Adopted budget including carry forward expenditure. When compared to the proposed February 2015 budget revision capital expenditure is at 51.4%. Capital expenditure has almost doubled in April from that in March 2015. This has largely been influenced by construction contract payments for South Rockhampton Sewerage Treatment Plant interim upgrades and GWTP high-lift pump station upgrades.

Water YTD 41.3% and Sewer YTD 32.4%.

Networks YTD 55.3% and Treatment YTD 23.4%.

The areas of prominent activity are the SRSTP interim upgrades, North Rockhampton flood mitigation works, Mt Morgan sewerage scheme Stage 2, Ramsay Creek SPS wetwell duplication, GWTP Low lift pump station switchboard, GWTP high-lift pump station upgrade, Land for Kabra reservoir site, Water trunk main duplication to Gracemere and Water Main Replacement programs.

The February 2015 budget revision following TC Marcia is expected to be adopted by Council on 26 May 2015.

Sundry Debtors

Below is a summary of aged sundry debtor balances at the end of April 2015. The 90+ day balances are either on payment plans, the business is in administration or the debt is with Collection House.

	<b>Balance</b>	<b>0-30 Days</b>	<b>30-60 Days</b>	<b>60-90 Days</b>	<b>90+ Days</b>
No. of Customers	261	236	17	6	37
Total Value	\$246,039.32	\$168,774.73	\$11,041.69	\$918.35	\$65,304.55

Below is an explanation of the debtor types, being a mixture of standpipes, irrigators, emergency works and effluent usage.

<b>90+ days</b>	<b>Comments</b>
\$7,494.80	Trade Waste debts - Collection attempts unsuccessful, other avenues to be investigated
\$366.00	Trade Waste debts to be written off
\$6,659.09	Long Term Payment Plans - Mt Morgan Sewerage Connections - Recovery will occur
\$11,561.73	Other Payment Plans – Standpipes, Private Works and Irrigators
\$4,430.15	Debtors currently at collection
\$34,792.78	Other Overdue Debt with no fixed arrangements – Trade Waste, Irrigators, Standpipes, Emergency Works – Overdue letter issued
<b>60-90 Days</b>	<b>Comments</b>
\$918.35	Standpipe (includes \$492.10 from 3 debtors with 90+)
<b>30-60 Days</b>	<b>Comments</b>
\$7,866.41	Standpipe Invoices (includes \$1776.80 from 4 debtors that have 90+ days)
\$3,175.28	Other – septic disposal

A summary of financial performance against budget is presented below:

	Adopted Budget	Revised Budget	EOM Commitments	YTD Actual	Commit + Actual	Variance %	On target 83.3% of Year Gone
	\$	\$	\$	\$	\$	%	
<b>FITZROY RIVER WATER</b>							
<i>Network Construction</i>							
Expenses	238,605	233,804	35,787	116,888	152,676	64%	✓
<b>Total Unit: Network Construction</b>	<b>238,605</b>	<b>233,804</b>	<b>35,787</b>	<b>116,888</b>	<b>152,676</b>	<b>64%</b>	<b>✓</b>
<i>Treatment &amp; Supply</i>							
Revenues	0	(86,381)	0	(7,103)	(7,103)	0%	✓
Expenses	9,555,144	10,746,267	564,354	8,718,029	9,282,383	97%	✘
Transfer / Overhead Allocation	318,616	344,368	0	291,367	291,367	91%	✘
<b>Total Unit: Treatment &amp; Supply</b>	<b>9,873,760</b>	<b>11,004,253</b>	<b>564,354</b>	<b>9,002,293</b>	<b>9,566,647</b>	<b>97%</b>	<b>✘</b>
<i>Business Administration</i>							
Revenues	0	(1,364)	0	(3,636)	(3,636)	0%	✓
Expenses	238,798	238,798	3,377	194,987	198,364	83%	✓
Transfer / Overhead Allocation	29,459	24,637	0	22,771	22,771	77%	✓
<b>Total Unit: Business Administration</b>	<b>268,257</b>	<b>262,071</b>	<b>3,377</b>	<b>214,121</b>	<b>217,498</b>	<b>81%</b>	<b>✓</b>
<i>Fitzroy River Water</i>							
Revenues	(355,188)	(465,188)	0	(394,974)	(394,974)	111%	✓
Expenses	15,509,159	15,651,000	99,178	12,905,122	13,004,300	84%	✘
Transfer / Overhead Allocation	23,044,536	25,359,892	0	21,699,415	21,699,415	94%	✘
<b>Total Unit: Fitzroy River Water</b>	<b>38,198,507</b>	<b>40,545,703</b>	<b>99,178</b>	<b>34,209,563</b>	<b>34,308,741</b>	<b>90%</b>	<b>✘</b>
<i>Network Services</i>							
Revenues	(58,406,928)	(57,886,414)	0	(54,238,716)	(54,238,716)	93%	✓
Expenses	3,551,050	3,599,853	1,053,464	2,495,232	3,548,696	100%	✘
Transfer / Overhead Allocation	602,368	615,094	0	505,315	505,315	84%	✘
<b>Total Unit: Network Services</b>	<b>(54,253,510)</b>	<b>(53,671,467)</b>	<b>1,053,464</b>	<b>(51,238,169)</b>	<b>(50,184,705)</b>	<b>93%</b>	<b>✓</b>
<b>Total Section: FITZROY RIVER WATER</b>	<b>(5,674,381)</b>	<b>(1,625,635)</b>	<b>1,756,161</b>	<b>(7,695,304)</b>	<b>(5,939,143)</b>	<b>105%</b>	<b>✓</b>

**10 NOTICES OF MOTION**

Nil

## 11 URGENT BUSINESS/QUESTIONS

*Urgent Business is a provision in the Agenda for members to raise questions or matters of a genuinely urgent or emergent nature, that are not a change to Council Policy and can not be delayed until the next scheduled Council or Committee Meeting.*

**12 CLOSURE OF MEETING**