



AIRPORT, WATER AND WASTE COMMITTEE MEETING

AGENDA

22 MAY 2018

Your attendance is required at a meeting of the Airport, Water and Waste Committee to be held in the Council Chambers, 232 Bolsover Street, Rockhampton on 22 May 2018 commencing at 3.00pm for transaction of the enclosed business.

R Cheesman

ACTING CHIEF EXECUTIVE OFFICER
17 May 2018

Next Meeting Date: 19.06.18

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 N K Fisher (Chairperson)
The Mayor, Councillor M F Strelow
Councillor R A Swadling
Councillor A P Williams
Councillor C E Smith
Councillor C R Rutherford
Councillor M D Wickerson

In Attendance:

Mr R Cheesman – Deputy Chief Executive Officer
Mr E Pardon – Chief Executive Officer

3 APOLOGIES AND LEAVE OF ABSENCE

4 CONFIRMATION OF MINUTES

Minutes of the Airport, Water and Waste Committee held 17 April 2018

5 DECLARATIONS OF INTEREST IN MATTERS ON THE AGENDA

6 BUSINESS OUTSTANDING

Nil

7 PUBLIC FORUMS/DEPUTATIONS

Nil

8 OFFICERS' REPORTS

8.1 ROCKHAMPTON REGIONAL WASTE AND RECYCLING MONTHLY REPORT AS AT 30 APRIL 2018

File No: 7927

Attachments: 1. RRWR Monthly Section Operations Report April 2018 [↓](#)

Authorising Officer: Peter Kofod - General Manager Regional Services

Author: Michael O'Keeffe - Manager Rockhampton Region Waste and Recycling

SUMMARY

The purpose of this report is to provide Council with an overview of Rockhampton Regional Waste and Recycling (RRWR) for the month of April 2018.

OFFICER'S RECOMMENDATION

THAT the RRWR Monthly Operations Report for the period ended 30 April 2018 be received.

**ROCKHAMPTON REGIONAL WASTE
AND RECYCLING MONTHLY REPORT
AS AT 30 APRIL 2018**

**RRWR Monthly Section Operations
Report April 2018**

Meeting Date: 22 May 2018

Attachment No: 1



Monthly Operations Report

Rockhampton Regional Waste and Recycling

April 2018

1. Highlights

Rockhampton Regional Waste and Recycling Team – Lost Time Injury Free Days

Rockhampton Regional Waste and Recycling has achieved 355 days without a lost time injury and on the 10 May 2018 will achieve the milestone of one year.

In-Vehicle Management System

A new vehicle management system will soon be implemented for the waste collection trucks. This system will improve the management of our collection fleet covering areas such as fatigue, collection management, service exception with photo capture, bin count reporting, driver guidance on pre-recorded route, assisted service notification.

2. Innovations, Improvements and Variations

3. Customer Service Requests



All Monthly Requests (Priority 3) RRW&R 'Traffic Light' report April 2018

	Balance B/F	Completed In Current Mth	Current Month NEW Requests		TOTAL INCOMPLETE REQUESTS BALANCE	On Hold	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 incomplete)
			Received	Completed							
Waste/Recycling - RATES NOTICE QUERY	0	0	0	0	0	0	10	● 0.00	● 0.00	● 5.00	5.00
Additional Recycling Service (Fee applies) JJ RICH	0	0	0	0	0	0	4	● 0.00	● 4.08	● 3.00	3.12
Additional Waste Service (Fee applies) RRC	0	0	7	7	0	0	4	● 0.57	● 0.50	● 0.61	0.51
Park Bins (RRC Park/Reserve areas)	2	2	8	8	0	0	23	● 0.13	● 1.89	● 6.40	6.22
Change to Existing Bins (JJ RICHARDS)	1	0	3	2	2	0	5	● 0.50	● 2.00	● 1.82	1.15
Change to Existing Bins (RRC)	2	2	7	6	1	0	4	● 0.17	● 1.24	● 1.67	0.96
Missed Service Recycling - SAME DAY JJ RICHARDS	2	2	26	24	2	0	4	● 1.38	● 1.73	● 1.79	1.41
Missed Service Waste - SAME DAY ENQUIRY RRC	6	6	66	64	2	0	4	● 0.48	● 0.58	● 0.57	0.53
Missed Recycling Bin JJ (Not out or Truck Missed)	4	4	60	52	8	0	4	● 1.10	● 1.47	● 1.54	1.03
Missed General RRC (Bin Not Out or Truck Missed)	2	2	56	55	1	0	4	● 0.20	● 0.40	● 0.46	0.39
New (First) Bin Set Up (Domestic/Recycle & Comm)	4	2	20	18	4	0	5	● 1.56	● 1.94	● 1.68	2.40
Repair JJ Richards Recycle (Bin To Be Empty)	0	0	3	1	2	0	5	● 6.00	● 4.10	● 4.29	2.36
Repair RRC General Waste Bin (Bin To Be Empty)	1	1	29	27	2	0	4	● 1.37	● 1.26	● 1.45	1.06
Replacement Bin JJ (Damaged/Lost/Stolen)	0	0	8	8	0	0	5	● 1.75	● 3.46	● 3.27	2.00
Replacement Bin RRC (Damaged/Lost/Stolen)	5	3	94	86	10	0	4	● 0.63	● 1.19	● 1.18	1.21
Special Event Bins (Parks/Halls etc)	0	0	5	4	1	0	4	● 1.00	● 1.53	● 1.61	1.24
Landfills & Transfer Station - Waste Facilities	1	1	2	2	0	0	4	● 3.00	● 1.05	● 1.09	0.58
Waste and Recycling General Query	10	7	49	42	9	0	5	● 0.95	● 1.24	● 1.71	1.98
Compliment or Complaint RRC or JJ Richards	4	4	5	3	2	0	2	● 0.33	● 1.42	● 1.30	0.44

Comment: The one red light showing in the above table for the past month was a data entry oversight in the system and all services were provided as per the Customer Service Standards

4. Service Delivery

ADOPTED OPERATIONAL SERVICE DELIVERY STANDARD	Target	April 2018 Performance
Weekly collection of domestic waste on same day every week	98%	99.95%
Weekly collection of commercial waste	95%	99.95%
Fortnightly Collection of domestic recyclable waste	98%	99.87%
Fortnightly Collection of commercial recyclable waste	98%	99.91%
Missed service collection provided within two working days from notification when notification is within one working day of scheduled collection	95%	99.50%
Collection services will be made available within four working days upon application by owner	98%	95.00%
Provision of assisted services within ten working days from application by owner	100%	100.00%
Repair or replacement of stolen, removed, damaged, vandalised mobile bins within four working days from notification	100%	98.50%

5. Legislative Compliance and Standards

Legislative timeframes

Item	Due Date	Compliant? (Yes/No)	Status
Quarterly and Annual Performance Plans – Reports to Council	30/10/17 31/01/18 30/04/18	Yes	Submitted as part of the monthly Section report.
Annual Report	31/07/18		The Quarterly Performance report is now combined with the March Section Report.
National Pollutant Inventory	30/09/18	Yes	2017 Report Submitted
Annual Report / Annual Return for held ERAs - landfills	30/09/18	Yes	2017 Report Submitted
Queensland Waste Data System	31/10/2017 31/01/18 30/04/18 31/07/18	Yes Yes Yes	Submitted Q1, Q2 and Q3 reports to DEHP/DES.

6. Operational Plan Targets by Section

The following Operational Plan actions and targets are required to be reported to Council on a monthly basis. This data will also form part of the Operational Plan quarterly report to Council:

Operational Plan Ref	Action	Target	Status
1.1.1.1	Operate, maintain and repair infrastructure as detailed in the annual maintenance program	Delivery of the annual operating budget to 95%	On target.
1.1.1.2	Deliver the annual capital works program	Budget expenditure greater than 95%	Capital expenditure behind target.
1.3.5.2	Develop a plan for the effective safe management of waste during a disaster	Plan developed by 31 December and adopted by Council by 30 June 2018	On track.
2.2.3.1	Support programs that encourage residents to transition away from	Consider options in budget planning to support programs in	This Action will be address in action 1.3.5.2.

Operational Plan Ref	Action	Target	Status
	social options	2018/19	
3.1.6.1	Develop and deliver an effective educational program to the community promoting kerbside recycling and general resource conservation	Achieve targets in line with the Waste Reduction and Recycling Plan (WRRP)	Currently investigating option for components to be delivered under the recycling Contract.
4.1.1.1	Provide a timely and accurate responses to requests	In accordance with unit's customer service standards or adopted service levels	All Customer Service Standards have been met with only 2 requests for the month being 1 day outside of threshold.
4.1.1.2	Provide effective delivery of Council services	In accordance with unit's customer service standards or adopted service levels	All Customer Service Standards have been met with only 2 requests for the month being 1 day outside of threshold.
5.2.1.1	Comply with legislative requirements	Updates to be presented to Council on sectional monthly reports	Compliance achieved this period.
5.2.1.4	Operational risk are monitored and managed in accordance with legislative requirements	Risk registers are presented to Council on a quarterly basis	Risk Register update, no action required
5.2.1.8	Monitor and review non-compliance of legislative requirements	Report on legislative non-compliance included in sectional reports presented to Council on a monthly basis	No legislative non-compliance occurred this period.
5.3.1.1	Workforce planning is reviewed to ensure that resourcing levels meet business needs in accordance with budget allocations	Review workforce requirements in accordance with budget schedule	Budget review has been undertaken this period and this work has not revealed any issues.
5.3.2.1	Continually review operational expenditure	Identify at least one operational saving per section of responsibility	Completed. Tarping system and bird management.
5.4.2.6	Pursue improved processes through all levels of Council	Identify at least two improved processes per section of responsibility	The new vehicle management system will significantly improve collection process.

7. Capital Projects

As at period ended 30 April 2018 – 83.33% of year elapsed

Project	Planned Start Date	Planned End Date	Status (excl committals)	Budget Estimate	YTD actual (incl committals)
CAPITAL WORKS PROGRAM					
Approved FY17/18 Capital Budget					
Lakes Creek Road Landfill - Remediation	01/07/17	30/06/18	73%	\$844,778	\$424,769
Comment: Capping of Stage 1 (LCRL)					
LCRL Augmentation	01/07/17	30/06/18	17%	\$4,500,000	\$4,220,111
Comment: The value of the tender is included in the costs shown.					
Capping and Closure of Stage 1 and 2 – Gracemere landfill	01/07/17	30/06/18	79%	\$200,000	\$136,451
Comment: Design work progressing and earthworks where practical has also commenced.					
RRC Rubbish Bin Renewal Program	1/7/17	30/6/18	37%	\$140,000	\$52,322
Comment: nil action this period					
LCR Carpark Upgrade Front Office Area	1/7/17	01/10/17	100%	\$216,000	\$216,231
Comment: Car Park area for front offices complete.					
LCR Pedestrian Path Office to WTS	01/07/16	30/06/17	172%	\$60,000	\$103,080
Path including recycling glass in the concrete mix is completed.					

Project	Planned Start Date	Planned End Date	Status (excl committals)	Budget Estimate	YTD actual (incl committals)
LCR Traffic Layout Redesign of Recycle Drop Off Area	01/07/16	30/06/17	0%	\$180,000	\$0
Comment: Complete					
LCR Stormwater pipes and outlets	01/07/17	30/06/18	106%	\$160,000	\$169,674
Comment: Complete.					
LCR Electric and Boundary Fence	01/07/16	30/06/18	0%	\$60,000	\$52,408
Comment: Repair and replacement of the electric fence at the LCRL Weighbridge / Office Compound – NIL work this period					
Water Evaporation System	01/07/16	30/06/18	0%	\$150,000	\$111,000
Comment: Successful tender selected and orders placed. The amount shown includes the full cost of the tender value.					
Gracemere WTS Design and Construct	01/07/16	30/06/18	0%	\$75,000	\$0
Comment: Design phase 16/17 to 17/18 with construction expected to take place in 18/19. No action this period.					

8. Operational Projects

As at period ended 30 April 2018 – 83.33% of year elapsed

Project	Planned Start Date	Planned End Date	Status	Budget Estimate	YTD actual (incl committals)
Waste Collection - Dangerous Streets / Options Report	01/07/17	31/12/17	Complete		
Waste Collection – Assisted Services Assessment	10/07/2017	31/12/17	Complete		
Waste Collection Vehicles – supply and delivery	22/11/2017	31/12/17	Completed.		
Roadside Bin Station Review	01/05/17	31/09/17	Report was submitted to Council and further information has been requested this is being obtained		
Biomax Project	01/05/17	31/12/17	Complete – though this process is advanced with an existing market, the process cannot be easily positioned at the landfill due to possible nuisance issues, therefore an alternative site will have to be located by the organisation. Prior to this Council will need to decide if the adoption of an AWT is appropriate. A report is being submitted to Council to advance this issue.	\$10,000	\$0

9. Budget

As at period ended 30 April 2018 – 83.33% of year elapsed.

Operational Summary

Total revenue is significantly above the percentage of year elapsed at 95% due to the second half of the years rating cycle having now been issued. Expenditure is lower than the percentage of year elapsed at 75% as a result of lower than anticipated expenditure on a number of lines, but in particular Green Waste contract costs, resulting in an overall surplus position.

Capital Summary

RRWR capital project expenditure is significantly behind at 36% of budget. The delay in commencing the landfill extension project is the major contributor to this underspend.



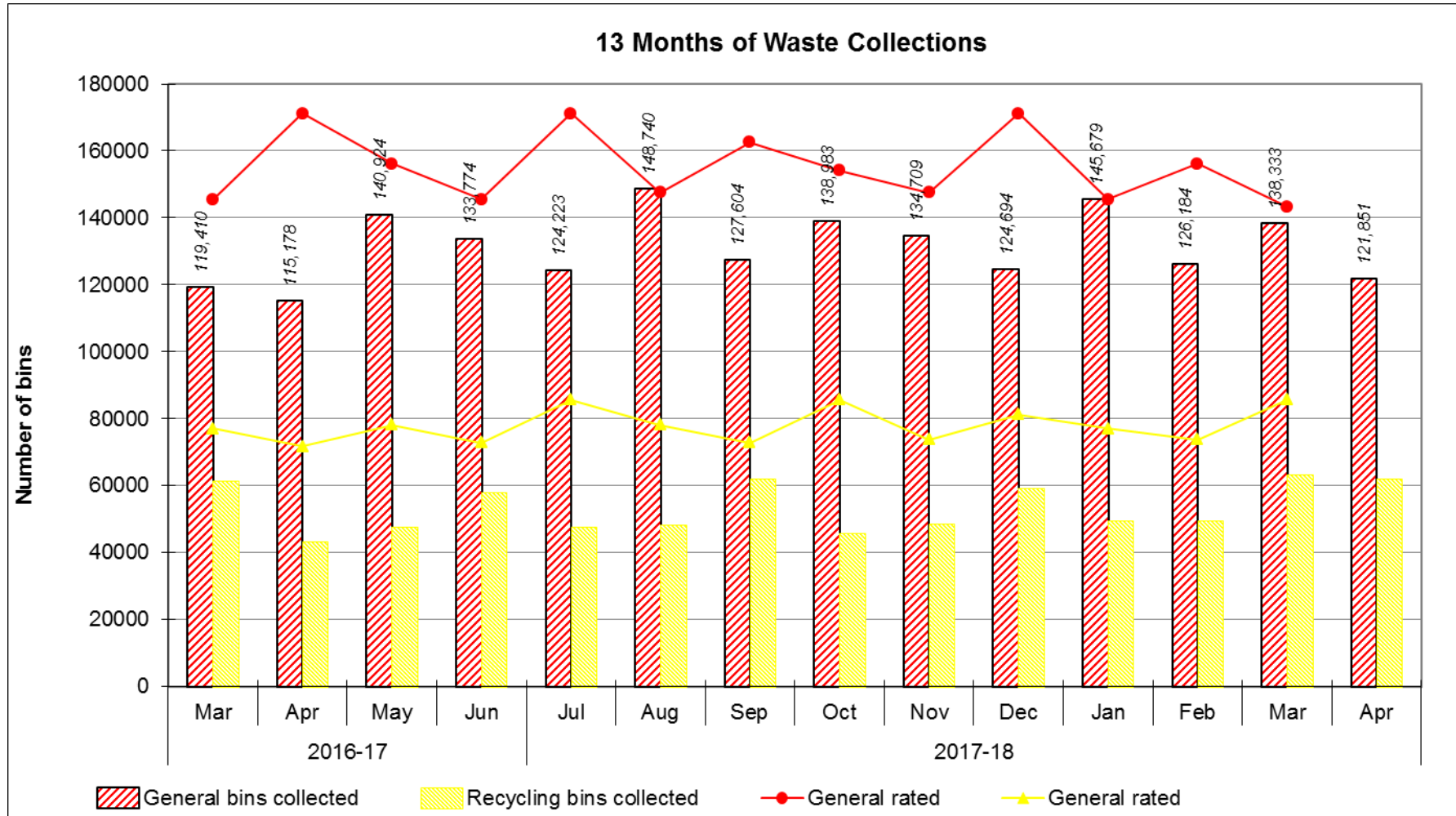
End of Month General Ledger - (Operating Only) - REGIONAL SERVICES

As At End Of April 2017

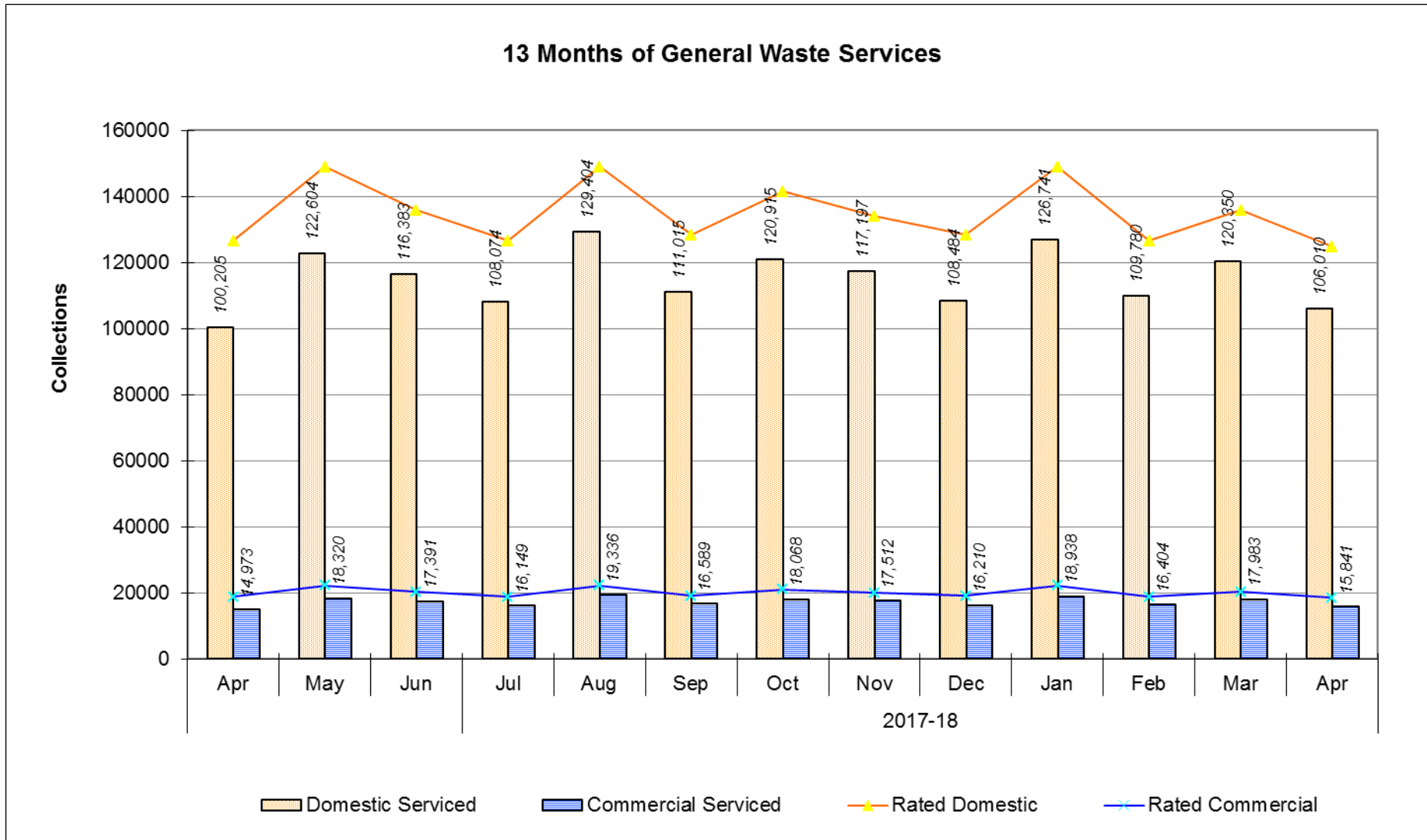
Report Run: 03-May-2018 16:57:03 Excludes Nat Accs: 2802,2914,2917,2924

	Adopted Budget	Revised Budget	EOM Commitments	YTD Actual	Commit + Actual	Variance
	\$	\$	\$	\$	\$	%
REGIONAL SERVICES						
WASTE & RECYCLING SERVICES						
<i>RRWR Waste Operations</i>						
Revenues	(4,299,636)	(4,299,636)	0	(3,417,282)	(3,417,282)	79% ✘
Expenses	5,014,969	5,014,969	1,307,613	3,523,164	4,830,778	70% ✓
Transfer / Overhead Allocation	(566,824)	(566,824)	0	(902,363)	(902,363)	159% ✓
Total Unit: RRWR Waste Operations	148,508	148,508	1,307,613	(796,481)	511,132	-536% ✓
<i>RRWR Collections</i>						
Revenues	(98,001)	(98,001)	0	(35,326)	(35,326)	36% ✘
Expenses	3,598,638	3,598,638	18,112	2,789,230	2,807,342	78% ✓
Transfer / Overhead Allocation	2,125,192	2,125,192	0	1,554,534	1,554,534	73% ✓
Total Unit: RRWR Collections	5,625,830	5,625,830	18,112	4,308,439	4,326,550	77% ✓
<i>RRWR Management</i>						
Revenues	(13,771,417)	(13,771,417)	0	(13,776,397)	(13,776,397)	100% ✓
Expenses	2,765,926	2,766,985	18,061	2,201,747	2,219,809	80% ✓
Transfer / Overhead Allocation	2,435,020	2,434,702	0	2,139,603	2,139,603	88% ✘
Total Unit: RRWR Management	(8,570,472)	(8,569,731)	18,061	(9,435,046)	(9,416,985)	110% ✓
Total Section: WASTE & RECYCLING SERVICES	(2,796,134)	(2,795,392)	1,343,786	(5,923,088)	(4,579,302)	212% ✓

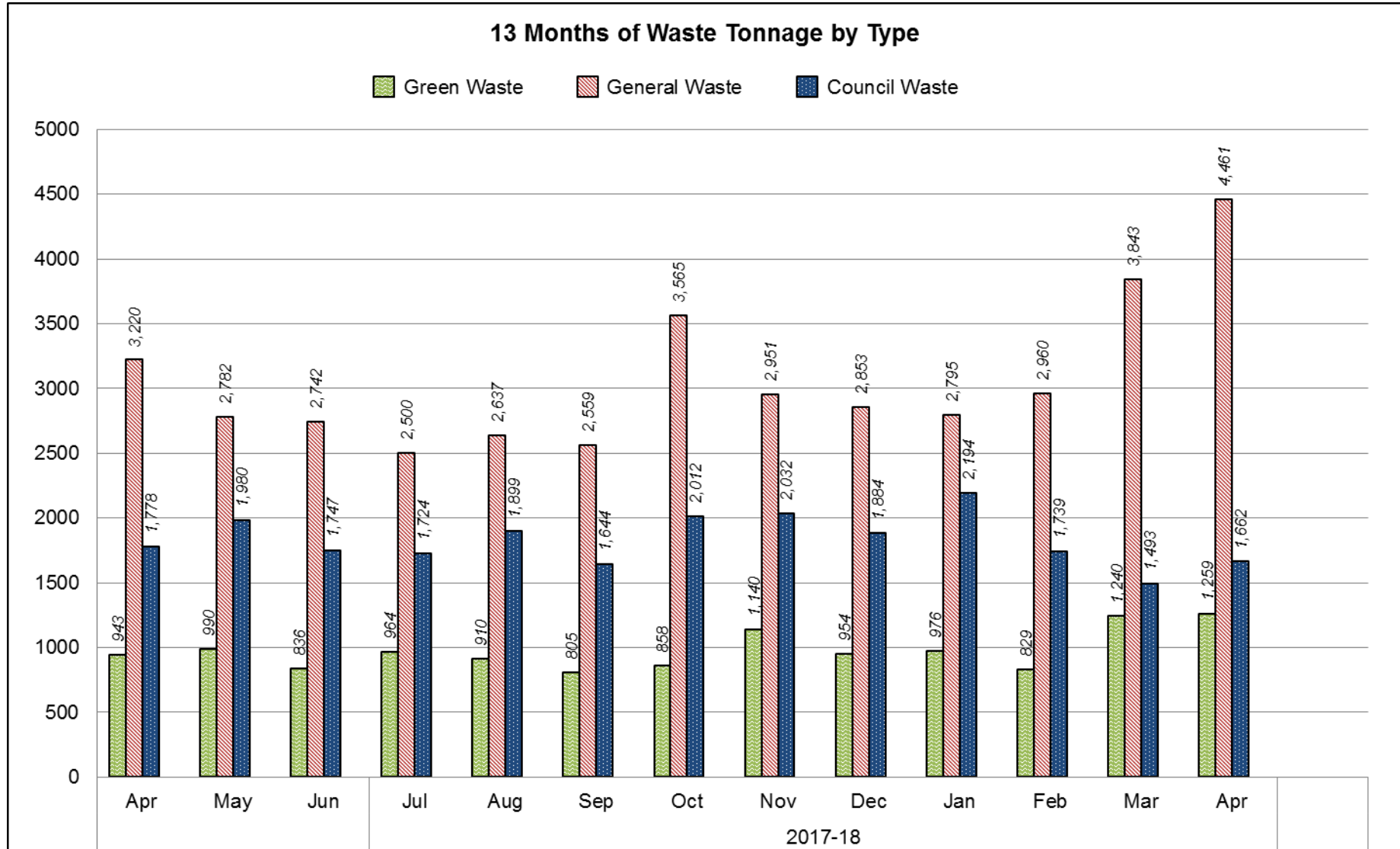
10. Section Statistics



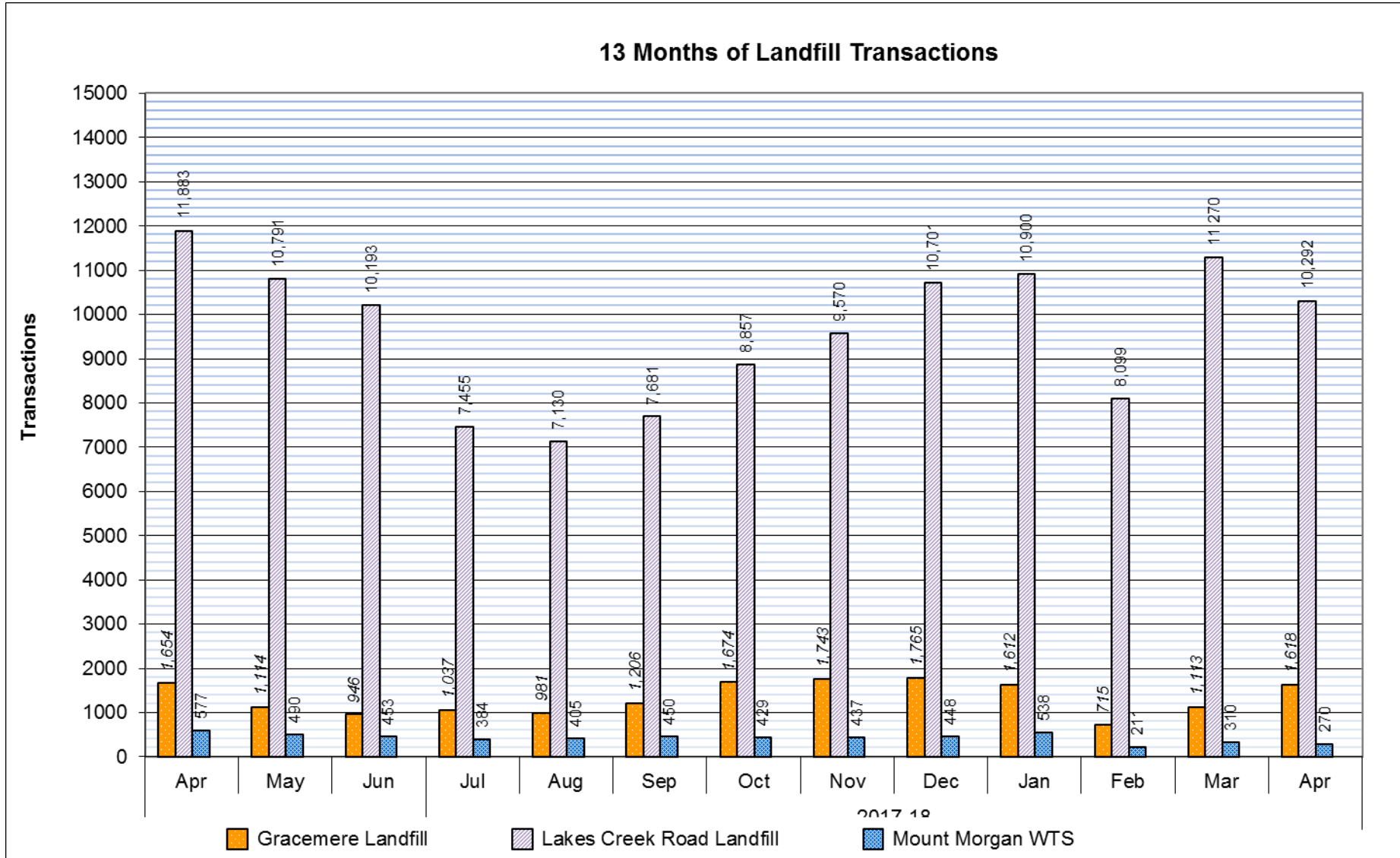
The above graph depicts the number of general waste and recycling bins serviced monthly over a 13 month period.



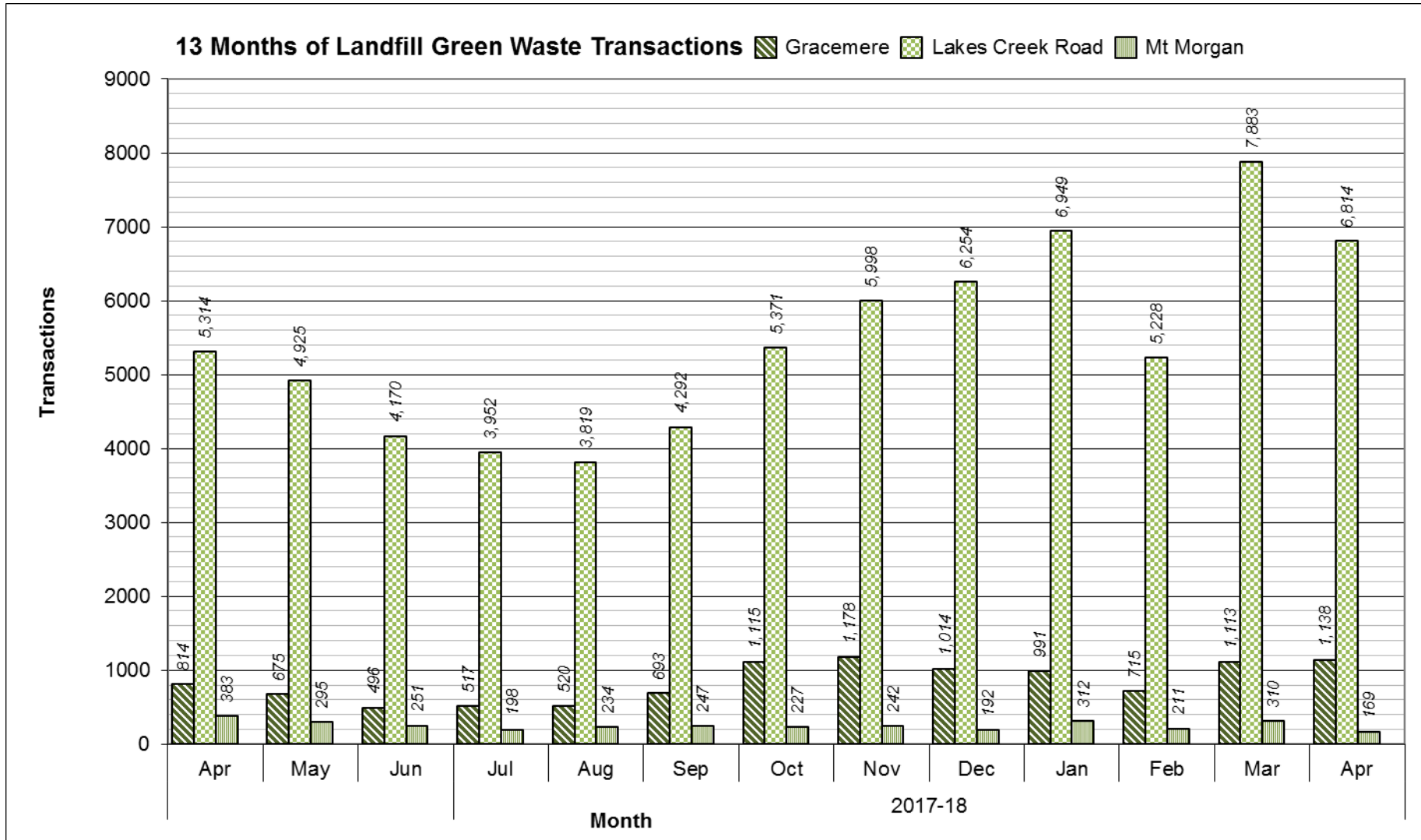
The above graph depicts the number of general waste wheelie bins serviced and the rated wheelie bins for both domestic and commercial waste collection services over a 13 month period



The above graph depicts the tonnes of General Waste, Green Waste and Council Waste accepted at all waste facilities over a 13 month period



The above graph depicts the number of transactions at Waste Facilities on a monthly basis during a 13 month period



The above graph depicts the number of free green waste transactions at Waste facilities over a 13 month period.

8.2 ROCKHAMPTON AIRPORT MONTHLY OPERATIONAL REPORT - APRIL 2018

File No: 7927

Attachments: 1. Rockhampton Airport Monthly Operational Report - April 2018 [↓](#)

Authorising Officer: Tony Cullen - General Manager Advance Rockhampton/
Acting General Manager Aviation Services

Author: Tracey Baxter - Manager Airport

SUMMARY

The monthly operations and annual performance plan report for the Rockhampton Airport for April 2018 is presented for Councillors information.

OFFICER'S RECOMMENDATION

THAT the Rockhampton Airport Operations and Annual Performance Plan Report for April 2018 be 'received'.

COMMENTARY

The monthly operations and annual performance plan report for the Rockhampton Airport of the Regional Development and Aviation Department is attached for Council's consideration.

CONCLUSION

It is recommended that the monthly operations and annual performance plan report for the Rockhampton Airport for period ending April 2018 be received.

ROCKHAMPTON AIRPORT MONTHLY OPERATIONAL REPORT - APRIL 2018

Rockhampton Airport Monthly Operational Report - April 2018

Meeting Date: 22 May 2018

Attachment No: 1



Monthly Operations Report

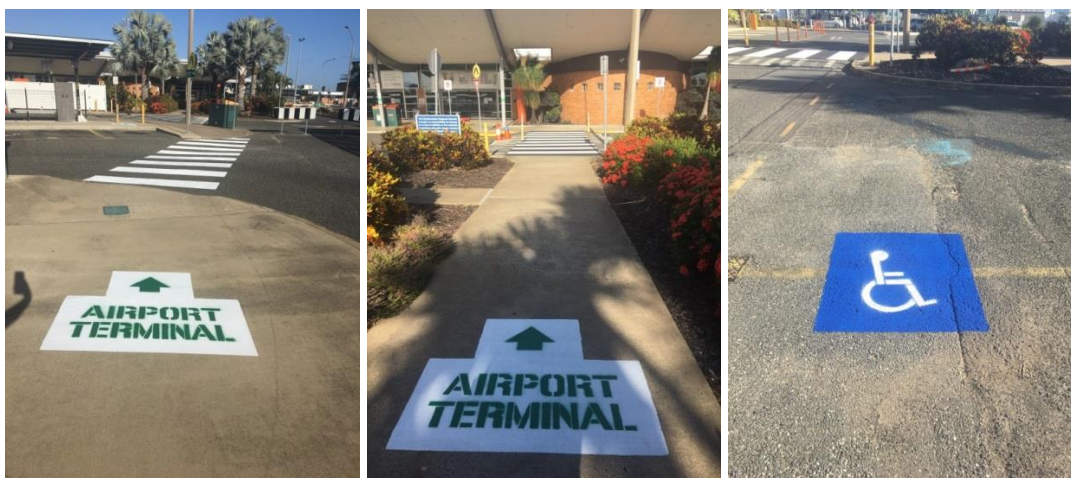
Rockhampton Airport

April 2018

1. Highlights

Extra Car Park Signage

Extra signage has been added to the Short Term Car Park directing passengers towards the terminal. The disability bays and pedestrian crossings have also been refreshed with updated signage.



Senate Inquiry into the Operation, Regulation and Funding of Air Route Service Delivery to Rural, Regional and Remote Communities

Rockhampton Regional Council is looking at the next steps towards a possible East-West route after Council appeared at a Senate hearing into the operation, regulation and funding of air route service delivery to rural, regional and remote communities.

Airport Committee Chair Councillor Neil Fisher and Airport Manager Tracey Baxter attended hearings in Longreach and Winton after Council put in a submission and said it was well received by senators and other Councils.



2. Innovations, Improvements and Variations

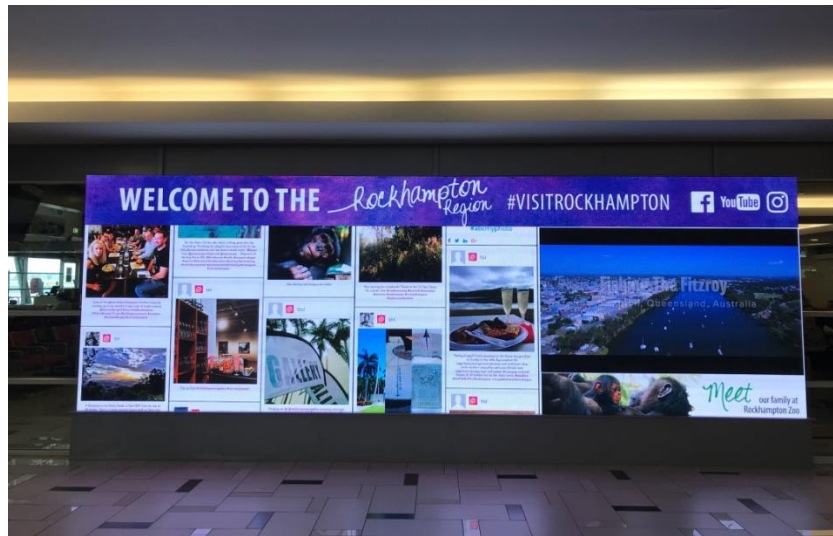
(Operational Plan Ref:

5.3.2.1 Identify at least one operational saving per section of responsibility

5.4.2.6 Identify at least two improved processes per section of responsibility)

Social Media Wall

The Social Media Wall is now active in the arrivals walkway.



Arrivals Walkway Revamp

The Arrivals Walkway has been revamped with new bin covers and plants for a more inviting walk into the Rockhampton Airport.



3. Customer Service Requests

(Operational Plan Ref: 4.1.1.1 Provide timely and accurate responses to requests)

Response times for completing customer requests in this reporting period for April 2018 are within set timeframes.

	Balance B/F	Completed in Current Mth	Current Month NEW Requests		TOTAL INCOMPLETE REQUESTS BALANCE	On Hold	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 incomplete)		
			Received	Completed										
Airport General Enquiries	0	0	1	1	0	0	10		0.00		1.67		5.11	3.57
Airport Services General Enquiries	0	0	0	0	0	0	10		0.00		0.00		0.00	0.00

4. Service Delivery

(Operational Plan Ref: 4.1.1.2 Provide effective delivery of Council services)

Non-Financial Performance Targets & Required Outcomes

Required Outcomes compared for the same period in 2016/2017:

	<u>Monthly Target</u>	<u>Result</u>	
		<u>Monthly</u>	<u>YTD</u>
**Passenger Numbers	0%	43.89%	-1.61%
*Aircraft Movements	0%	-16.48%	0.66%
Bird Strikes	3 per month	2	27
Lost Time Days – workplace injuries	0	0	0
Reported Public Injuries on Airport Precinct	0	0	7
Customer Requests Actioned	100%	100%	100%
Airline Engagement Meetings	Every 3 months	100%	100%
Military Exercise Briefings Attended	100%	100%	100%

**The 43.89% increase in passenger numbers compared to April 2017 is a direct result of the closure of Rockhampton Airport due to the Fitzroy River Flood.

*Aircraft Movements – April 2018 figures were not available on Airservices Australia website at the time of lodging the report. February 2018 figures were utilised for statistical data and therefore year to date (YTD) Aircraft Movement data is only up until February 2018.

5. Legislative Compliance and Standards (including Risk and Safety)

(Operational Plan Ref: 5.2.1.1 Comply with legislative requirements)

Legislative Compliance & Standards

Legislative Compliance Matter	Due Date	% Completed	Comments
Annual Runway Friction Testing	May 2018	0%	An external contractor is engaged to undertake this specialised testing. This testing to be postponed due to the runway overlay project.
Emergency Exercise (Full Field Exercise)	May 2018	30%	An onsite emergency exercise is required to be conducted at least every second year. The 2017 exercise scenario will be the basis for the 2018 field exercise. Full Emergency Committee meeting held 17 April with final planning meeting scheduled for 17 May. Request for volunteers to participate in the exercise was advertised in the E-Bulletin on 3 May.
Biannual Review of Airport Security Risk Register	September 2018	0%	Review assesses security measures and procedures to consider if they are adequate to meet the requirements of the local security risk context statement.
Annual Review of Airport SMS Risk Register	October 2018	0%	Review is conducted at least annually to determine whether the nominated risk treatments/controls remain valid for the risks identified. The RRC Risk Calculator is used to quantify the current risk rating.

Safety Statistics

The safety statistics for the reporting period are:

	FOURTH QUARTER 2017/2018		
	April	May	June
Number of Lost Time Injuries	0		
Number of Days Lost Due to Injury	0		
Total Number of Injuries	0		
Number of Completed Hazard Inspections	3		

Risk Management Summary

Potential Risk	Current Risk Rating	Future Control & Risk Treatment Plans	Due Date	% Completed	Comments
Security breach or threat at the airport resulting in possible death or injury, reputation damage to the airport, additional costs, disruption to airline services due to airport closure, infrastructure damage, fines in relation to a regulatory breach	Moderate 6	Replace hard key system on all gates and access points with proximity card electronic card system so lost cards can have access withdrawn.	30/06/2018	90%	Final stages of the design of an automatic emergency access gate for emergency services. The Airport system requires a software update which is expected to occur in late April 2018.

Potential Risk	Current Risk Rating	Future Control & Risk Treatment Plans	Due Date	% Completed	Comments
Airport revenue decreases over a sustained period resulting in the airport performance KPI's not being met, budgetary impacts, reduced availability of funds for capital programs.	Moderate 5	Redevelop the airport terminal to increase retail revenue.	Terminal 1/07/2020	80%	The options for Terminal redevelopment will be further considered as part of the Airport Master Planning process.
Airport assets not maintained, upgraded, inspected or monitored effectively in accordance with regulatory requirements resulting in possible death or injury, reputational damage, compliance failure, reduced service delivery, WH&S fine	Moderate 6	Facility maintenance and condition assessment inspection schedules are in the process of being completed and detailed in conquest. Consultant engaged to identify critical infrastructure and to load into Conquest to ensure regular maintenance is performed.	30/06/2018	80%	\$5 million in funding was secured through the BBRF scheme to overlay the main runway and surface enrichment treatment of the main taxiway's and apron. Works are scheduled to commence in 2018. Chilled water system capacity improved with better control system and new heat exchange units High Risk Fire Hydrant Systems now completed Air-conditioning condition report completed. HV Transformers condition evaluation completed. Roads pavement condition assessment completed Airport Council owned buildings condition assessment completed

Potential Risk	Current Risk Rating	Future Control & Risk Treatment Plans	Due Date	% Completed	Comments
					and priority 1 defects being addressed. FRW has undertaken condition report on mains water and replacement of priority section completed final section in Capex program.

6. Operational Plan Targets by Section

Operational Plan Ref	Action	Target	On Track	On Budget
2.2.3.1	Provide timely and accurate responses to requests	In accordance with unit's customer service standards or adopted service levels	Yes	Yes
4.1.1.1	Provide effective delivery of Council services	In accordance with unit's customer service standards and service levels	Yes	Yes
4.1.1.2	Comply with legislative requirements	Updates to be presented to Council in sectional monthly reports	Yes	Yes
5.2.1.1	Operational risks are monitored and managed in accordance with legislative requirements	Risk registers are presented to Council on a quarterly basis	Yes	Yes
5.2.1.4	Monitor and review non-compliance of legislative requirements	Report on legislative non-compliance included in sectional reports presented to Council on a monthly basis	Yes	Yes
5.2.1.8	Workforce planning is reviewed to ensure that resourcing levels meet business needs in accordance with budget allocations	Review workforce requirements in accordance with budget schedule	Yes	Yes
5.3.1.1	Continually review operational expenditure	Identify at least one operational saving per section of responsibility	Yes	Yes
5.3.2.1	Pursue improved processes through all levels of Council	Identify at least two improved processes per section of responsibility	Yes	Yes
5.4.2.6	Provide timely and accurate responses to requests	In accordance with unit's customer service standards or adopted service levels	Watching	Watching

7. Capital Projects

As at period ended April – **83.33%** of year elapsed.

Project	Planned Start Date	Planned End Date	Status	Budget Estimate	YTD actual (incl committals)
ROCKHAMPTON AIRPORT CAPITAL WORKS PROGRAM					
959133 – RPT Apron Lighting	29/08/13	June 2018	<u>WIP</u> Installation of six new switchboards at each apron light pole, four complete, two remaining. Operations to review aircraft parking requirements prior to conducting design review to consider LED Lighting and installation.	\$18,000	\$0
<p>Commentary:</p> <p>To obtain regulatory compliance a condition assessment was conducted in 2014 with upgrade recommendations identified one area remaining non-compliant. Engineering assessment confirmed additional lights could be installed on existing poles. Original concept design under review to investigate options of LED installation and review parking layout. Testing of electrical supply cables identified that they were close to failure. Project to be delivered in two stages, Stage 1 16/17 – Replace and upgrade electrical supply cables, Lighting Design Review and Project Concept, Stage 2 17/18 – Implement compliant system.</p>					
959135 – GA Apron Lighting	17/02/12	June 2018	<u>WIP</u> Remainder of project postponed to allow reconfiguration of cross runway. Operations to review of aircraft parking requirements prior to conducting design review	\$217,100	\$0

Project	Planned Start Date	Planned End Date	Status	Budget Estimate	YTD actual (incl committals)
<p>to consider LED Lighting and installation.</p>					
<p>Commentary: To obtain regulatory compliance a condition assessment was conducted in 2014 with upgrade recommendation. Original concept design under review to investigate options of an LED installation and review aircraft parking layout. System remains non-compliant due to inability to infringe the airspace of Runway 04/22; this will be rectified in Stage 3 following Runway 04/22 displacement. Project to be delivered in three stages, Stage 1 15/16 – Install three lights for RFDS Operations, Stage 2 16/17 – Lighting Design Review and Project Concept, Stage 3 18/19 – Implement compliant system.</p>					
<p>987694 – Refurbish Terminal Concourse Toilets</p>	<p>Early 2015</p>	<p>Phase 1 – January 2018</p>	<p><u>WIP</u> New curved wall entries have been installed and refurbished to rectify defects.</p>	<p>\$60,000</p>	<p>\$44,036</p>
<p>Commentary: Completed</p>					
<p>987712 – Replace General Aviation Power Switchboards</p>	<p>Early 2015</p>	<p>Phase 2 – June 2018</p>	<p><u>WIP</u> Contractor to supply and replace Area 3 (Aeroworx) Switchboard has been delivered and installed. There are few minor metering issues that require rectification. LED lighting has been installed in the RRC Maintenance Shed to reduce electrical load. RRC Maintenance Shed switchboard replacement is complete.</p>	<p>\$37,000</p>	<p>\$34,094</p>

Project	Planned Start Date	Planned End Date	Status	Budget Estimate	YTD actual (incl committals)
<p>Commentary:</p> <p>A condition assessment conducted in 2015 has identified that several General Aviation switchboards are in various stages of deterioration and will require replacement. Project Concept Design has been developed to accommodate future potential business growth and system upgrade requirements. Replacement of Area 3 (Aeroworx) Switchboard identified as a priority due to age and non-compliance, Phase 1 – Design Area 3 Switchboard 16/17 (\$17,250), Phase 2 – Implement Area 3 Switchboard and RRC Maintenance Shed Switchboard 17/18 (\$60,000). Remaining switchboards replacements have been postponed until to 2026/27.</p>					
<p>1047109 – Replace existing storage-workshop-office-lunchroom (site BD)</p>	<p>Sept 15</p>	<p>June 2018</p>	<p>WIP</p> <p>A Development Application is in the process of being developed.</p> <p>Option to extend existing hanger to include all facilities is being investigated.</p> <p>Sewer connection infrastructure – completed</p> <p>Currently undergoing Council approvals.</p>	<p>\$154,481</p>	<p>\$16,367</p>
<p>Commentary:</p> <p>Several issues with the buildings within the Aeroworx complex were identified in the RRC Asset Building Inspection in 2014. Electrical switchboard issues were identified in condition assessment conducted in 2015. Office building and electrical switchboards are beyond repair therefore requiring replacement. The project scope is to extend hanger, renew electrical connection and replace office and lunchroom.</p>					
<p>987926 – Upgrade terminal standby power generator</p>	<p>Sept 15</p>	<p>February 2018</p>	<p>WIP</p> <p>Construction works are complete. New system now operational. Terminal BMS being connected for monitoring.</p>	<p>\$95,000</p>	<p>\$94,015</p>

Project	Planned Start Date	Planned End Date	Status	Budget Estimate	YTD actual (incl committals)
			Additional works to remove the in-ground fuel tank is complete.		
<p>Commentary:</p> <p>Current generator only supplies a portion of the Terminal, it failed during cyclone Marcia and failed again not long after and replaced with a hire generator. The replacement generators are an essential component of the Airport Business Continuity Plan.</p>					
987723 – Replace Air Conditioning Chilled Water Unit	Jan 17	June 2018	<p>WIP</p> <p>Engineering consultancy services have been engaged to assist in Developing a Project Concept Plan & Scope of Works for the complete Terminal Air Conditioning System, for approval. Draft report under review.</p>	\$150,000	\$10,000
<p>Commentary:</p> <p>The Chiller unit has reached the end its expected life. This has been quantified by several component failures over recent years. With the current load on the chiller it is required to operate at 100% capacity to cool the Airport Terminal during the hottest portion of the year.</p> <p>The project will consist of a concept (scope of works), design, construction and commissioning stages. While this project continues over several years the initial concept and design will be for the entire project.</p>					
987704 – Improve Airside Stormwater Management	July 2017	June 2018	<p>WIP</p> <p>Management framework for project to be finalised.</p>	\$200,000	\$11,500
<p>Commentary:</p>					

Project	Planned Start Date	Planned End Date	Status	Budget Estimate	YTD actual (incl committals)
<p>The Rockhampton Airport has recently experienced several cases of subsidence within flight area of the airport. The drainage of the Airport is a key factor in the continued aeronautical operation during extreme weather. The intention of this project is to evaluate the causes of this subsidence and the effectiveness of current drainage systems. This will include implementing strategies to improve drainage and remedial work on existing drainage systems.</p>					
989183 – Terminal Refurbishment – Auto Doors	July 2017	June 2018	<p><u>WIP</u></p> <p>Tenders close early April with construction scheduled to commence in May 2018.</p>	\$100,000	\$0
<p>Commentary:</p> <p>Terminal automatic entry doors are approaching the end of their useful life. Project scope has been revised to initially upgrade the control system and drive mechanisms on the nine oldest doors.</p>					
987727 – Master planning and reconfiguration	Late 2015	July 17	<p><u>WIP</u></p> <p>Public consultation scheduled to commence early April 2018 in line with the Community Engagement Plan.</p>	\$27,840	\$11,190
<p>Commentary:</p> <p>Completed and adopted by Council. The plan will now be distributed for consultation.</p>					
987685 – Renewal of aviation security infrastructure	Ongoing	Ongoing	<p><u>WIP</u></p> <p>Construction commenced on the installation of the automatic vehicle gate at Airside Security Gate 1.</p>	\$90,000	\$97,589

Project	Planned Start Date	Planned End Date	Status	Budget Estimate	YTD actual (incl committals)
<p>Commentary:</p> <p>Operational need identified to replace Airside Security Gate 1 due to emergency access requirements and high usage during military exercises.</p>					
959150 – Runway Lighting System Replacement	18/12/11	31/11/17	<p>WIP</p> <ul style="list-style-type: none"> • Stage 1 – Practical completion issued 24 April 2014. List of final defects repaired. • Stage 2 – Practical completion has been issued. Issues with initial Contractor being available to repair defects. Current on-site contractor have commenced defect rectification. • Stage 3 – Currently working through the commissioning and regulatory process. Decommissioning of current system and close out of remaining defects. 	\$165,704	\$441,677
<p>Commentary:</p> <p>Major Projects are managing this project; please refer to the Major Projects Monthly Report for more detail.</p> <p>The Airport Lighting System was commissioned on the 5th June, ongoing rectification works to be undertaken in the coming months.</p>					
1076549 - Smart business hub business lounge	TBA	30/06/19	<p>WIP</p> <p>Connect fibre cable to the Airport; install a big screen, furnishings and construction of the smart business hub, business lounge space.</p>	\$60,000	\$64,652

Project	Planned Start Date	Planned End Date	Status	Budget Estimate	YTD actual (incl committals)
			Supply and installation of Social Media Wall in the Airport Terminal to commence in March 2018.		
<p>Commentary:</p> <p>Regional Development & Promotions are managing this project. Funds have been reallocated to the airport social media wall which is expected to be operational in April 2018.</p>					
0983763 - Rockhampton Airport Pavement Project	Feb 2018	Mar 2019	<p><u>WIP</u></p> <p>The project has now moved into the delivery stage. The contract has been awarded and the Design development component of the Design and Construct contract and pre construction activities have commenced. The following activities occurred during April:</p> <ul style="list-style-type: none"> • The tender offer from Fulton Hogan has been evaluated and assessed. A third party Quantity Survey (QS) was commissioned to assess the offer for value for money. The QS confirmed offer as value for money. • A post tender meeting was held with Fulton Hogan to work through tender departures and variations. Their offer was accepted. • Council's budget adjusted to accommodate the increase required to fund the works. • Letter of acceptance was issued. 	\$1,007,590	\$188,757 (Excluding committals)
<p>Commentary:</p>					

Project	Planned Start Date	Planned End Date	Status	Budget Estimate	YTD actual (incl committals)
Council secured \$5 million funding from the Building Better Regions Fund for the Rockhampton Airport Pavement Project. The Rockhampton Airport Pavement Upgrade Project will deliver asphalt resurfacing to the main runway plus surface enrichment to the taxiways, runway shoulders, and both the military and regular public transport aprons.					

8. Operational Projects

AIRPORT OPERATIONS PROJECT

Rockhampton Airport Pavement Project

Please refer to the Capital Projects table.

9. Budget

AIRPORT FINANCIAL

This report details the financial position and other strategic matters for Rockhampton Airport. Percentage of year elapsed 83.33%.

Please note that these reports have been run prior to final ledger close down for April; they include all income and expenditure for the period with exception of interest costs.

Operational Summary

Total revenue is now tracking behind budget at 81.4%, the result of reduced fees and charges income of only 78.5% due to lower than budgeted passenger numbers (4.8% down on prior year to date as at Feb-18). Expenditure is lower than the percentage of year elapsed at 73%, the result of cost savings across the whole budget, in particular lower than anticipated security screening and salaries & wages expenditure. This has resulted in a YTD surplus against budget of \$902K.

Capital Summary

Airport's capital expenditure YTD is significantly below the percentage of year elapsed at 32% with Airport management remain confident that the revised budget will be fully expensed in this financial year once tender contracts are awarded and construction work begins on the runway pavement renewal, airside stormwater management and apron lighting projects.

The variance analysis is shown against the March Revised Budget which has not yet been approved.



End of Month General Ledger - (Operating Only) - AVIATION SERVICES

As At End Of April 2017

Report Run: 03-May-2018 16:56:28 Excludes Nat Accs: 2802,2914,2917,2924

	Adopted Budget	Revised Budget	EOM Commitments	YTD Actual	Commit + Actual	Variance	On target
	\$	\$	\$	\$	\$	%	83.3% of Year Gone
AVIATION SERVICES							
AIRPORT							
<u>Airport Operations</u>							
Revenues	(10,231)	(10,231)	0	(4,212)	(4,212)	41%	✘
Expenses	2,358,112	2,358,112	37,429	1,384,894	1,422,323	59%	✔
Transfer / Overhead Allocation	158,872	158,872	0	129,259	129,259	81%	✔
Total Unit: Airport Operations	2,506,752	2,506,752	37,429	1,509,941	1,547,370	60%	✔
<u>Airport Facilities</u>							
Revenues	(604,052)	(604,052)	0	(477,708)	(477,708)	79%	✘
Expenses	4,078,944	4,018,944	611,998	2,874,738	3,486,736	72%	✔
Transfer / Overhead Allocation	89,391	89,391	0	20,020	20,020	22%	✔
Total Unit: Airport Facilities	3,564,283	3,504,283	611,998	2,417,050	3,029,048	69%	✔
<u>Airport Administration</u>							
Revenues	(55,000)	(55,000)	0	(77,324)	(77,324)	141%	✔
Expenses	4,051,359	4,405,936	4,731	3,607,345	3,612,076	82%	✔
Transfer / Overhead Allocation	4,576,718	4,788,093	0	3,982,852	3,982,852	83%	✔
Total Unit: Airport Administration	8,573,077	9,139,029	4,731	7,512,873	7,517,604	82%	✔
<u>Airport Commercial</u>							
Revenues	(15,076,582)	(15,576,582)	0	(12,667,901)	(12,667,901)	81%	✘
Expenses	430,388	424,436	47,081	314,940	362,021	74%	✔
Transfer / Overhead Allocation	2,083	2,083	0	11,484	11,484	551%	✘
Total Unit: Airport Commercial	(14,644,111)	(15,150,063)	47,081	(12,341,477)	(12,294,396)	81%	✘
Total Section: AIRPORT	(0)	(0)	701,239	(901,613)	(200,374)	#####	✔

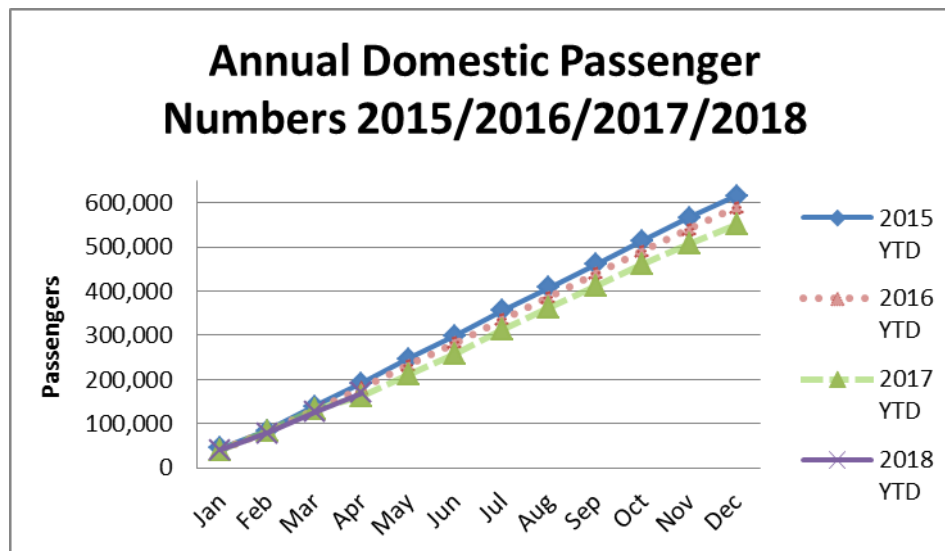
10. Section Statistics

AIRPORT COMMERCIAL

Passenger Numbers

Domestic passenger numbers for April 2018 were 43,013 compared to 29,914 in April 2017.

The 13,099 difference in domestic passenger numbers compared to April 2017 is a direct result of the closure of Rockhampton Airport due to the Fitzroy River Flood.



Patient Travel Subsidy Scheme Car Park Waiver

During April 2018, 171 vehicles had \$8,156 in car park fees waived. The total period of time these vehicles were in the Airport car parks was an average of 2.04 days stay per passenger.

AIRPORT OPERATIONS

Audit and Compliance

The Annual Aerodrome Technical and Electrical Inspections were conducted in November 2017. Reports for both inspections have now been received and Rectification Action Plans are currently being developed to address any identified issues.

Planning continued for the Airport's Full Field Emergency Exercise which will take place on 30 May 2018. The Exercise will be conducted during the evening to better test the scenario which is an after hours response to an emergency.

A major software upgrade of the Airport's electronic security system, was successfully completed in April. The upgrade was undertaken to enable various Council Site's to operate individual systems from the same server and to ensure the most current software was in use.

Military Exercises

Planning continued for various Military Exercises to be held throughout 2018 including Exercise Warfighter, Hamel and Wallaby.

General

Airport staff undertook general maintenance activities across the airfield in preparation for increased aviation activity during Beef Week in May.

ISS Facility Services commenced their transition activities to take over the Security Screening and Front of House Services Contract from 1 May 2018.

AIRPORT FACILITIESAirport Cleaning

Queensland Facilities Services were awarded the Airport Cleaning Contract and commenced their transition activities to take over the cleaning services 23 April 2018.

Hertz Office – Site BH

Quotes have been sourced for a replacement demountable office.

8.3 EXPANSION OF THE WATER SUPPLY SCHEME IN SOUTHERN GRACEMERE

File No: 1466
Attachments: 1. **Southern Gracemere - Aerial Map**[↓](#)
Authorising Officer: Peter Kofod - General Manager Regional Services
Author: Jason Plumb - Manager Fitzroy River Water

SUMMARY

Council has received strong interest from residents in southern Gracemere who wish gain access to the nearby drinking water supply scheme. The feasibility of extending the water reticulation system has been assessed and a capital project to commence extending the water reticulation in an initial stage included in the budget planning for commencement in 2018-19. If completed, this project will satisfy the need for a reliable water supply for these members of the community.

OFFICER'S RECOMMENDATION

THAT Council endorse the expansion of the water supply scheme in southern Gracemere and the inclusion of a capital project allocation for an initial stage in the 2018-19 Council Budget.

COMMENTARY

Significant community interest, including a letter from the Gracemere Community Voice Association Inc. in October 2017, has been received in relation to the expansion of the water reticulation in southern Gracemere. In particular, up to 20 property owners located in or near the vicinity of the Elizabeth Street area have expressed interest in gaining access to the reticulated water supply in Gracemere in order to meet their domestic needs.

Fitzroy River Water (FRW) has assessed the options to extend the existing reticulation network in Elizabeth Street by constructing a new water main. This extension to the reticulation system is feasible and could be constructed using existing day labour resources. FRW's infrastructure has sufficient water supply capacity to meet the supply and pressure demands of this proposed extension with the upgrading of the Lucas Street Water Pump Station in recent years expected to meet the current and future demand for at least the next 10-15 years.

The extension of the reticulation system to enable additional parts of southern Gracemere to be supplied with drinking water from the Rockhampton Water Supply Scheme is a good investment in the development of southern Gracemere and is an appropriate response to the significant level of interest received from this community. In preparation for Council decision, a budget allocation to commence this extension of the reticulation system has been included in budget planning for the 2018-19 financial year.

BACKGROUND

Residents in parts of southern Gracemere in particular, properties in or around the southern end of Elizabeth Street and Cherryfield Rd (see Attachment 1) are experiencing water scarcity during the dry months of the year. Historically residents in this area have relied on a combination of rainwater and groundwater to meet their water supply needs. In recent years, the gradual increase in subdivision and residential development in this area has decreased the amount of available groundwater which has placed additional pressure on the available rainwater supplies.

In response to the decrease in their water security, a number of the concerned residents in this part of Gracemere have expressed interest in connecting to the water reticulation system. In most instances a connection to these properties would only be possible using a non-standard special water supply agreement due to the long distance between each property and the nearest water main.

Even if multiple property owners were to combine to arrange for the installation of several hundred metres of pipe at their own expense, it is likely that water flow and pressure would be limiting and potentially create more problems for the property owners and FRW as a result of this reduced water supply standard.

The options to extend the water reticulation system have been considered in order to determine a staged approach that could satisfy the needs of the community in an affordable manner. Subject to the completion of detailed design, the proposed first stage will be to extend the existing Elizabeth Street 150 mm water main to the southern end of this street and initiate the start of water mains down each of Glover, Clifton, Gregory and Windsor Streets. Subsequent stages after the first year would then see the construction of water mains along more of the abovementioned streets, with the eventual inclusion of a link along the Cherryfield Rd to connect the new stage back to the existing reticulation system along the northern end of Cherryfield Rd.

PREVIOUS DECISIONS

It is not common for Council to make this type of decision specifically for the water reticulation system as most of the recent work to extend the water reticulation system has been developer driven and completed as part of the development works (e.g. residential estate).

Although related to sewerage rather than water, the investment by Council of over \$3 million in the extension of the Mount Morgan sewerage network is an example of where Council has made a decision to increase the provision of network infrastructure to meet the needs of the community for existing rather than new residential properties.

BUDGET IMPLICATIONS

The first stage of construction work along Elizabeth St is expected to cost approximately \$300,000 based on the estimated distance of water main to be constructed and assuming the use of internal day labour crews to complete the construction work. Provision has already been made in the budget planning for 2018-19 for this project to commence, with further investment to be planned following commencement of this first stage. Any ongoing operational costs associated with the new reticulation network will be covered in existing operational budget and are expected to be minimal.

LEGISLATIVE CONTEXT

The extension of the water reticulation system is consistent with Council's legislative entitlements. Once the new water reticulation is constructed, the water service area maps for Gracemere will be updated accordingly in accordance with the *Water Supply (Safety and Reliability) Act*.

CORPORATE/OPERATIONAL PLAN

Operational Plan reference number 4.1 is relevant in this instance as it describes how Council is striving to deliver customer focused services to meet the needs of the community including in areas such as public health. The extension of the water reticulation system would help to deliver this outcome for residents in southern Gracemere.

CONCLUSION

Extension of the water reticulation system in southern Gracemere is a sound investment in that it meets significant community by delivering a reliable supply of safe drinking water using the existing water supply scheme infrastructure. Investment in this capital project should be supported.

EXPANSION OF THE WATER SUPPLY SCHEME IN SOUTHERN GRACEMERE

Southern Gracemere - Aerial Map

Meeting Date: 22 May 2018

Attachment No: 1



Map of southern Gracemere showing the extent of the existing water reticulation system (blue) and some of the nearby residential areas.

8.4 MOUNT MORGAN SEWERAGE SCHEME EXPANSION

File No: 1466

Attachments: 1. **Mount Morgan Sewerage Scheme Expansion** [↓](#)

Authorising Officer: Peter Kofod - General Manager Regional Services

Author: Jason Plumb - Manager Fitzroy River Water

SUMMARY

The recent expansion of the Mount Morgan Sewerage Scheme on the northern side of the Dee River has addressed a number of non-compliant domestic septic systems and provided the opportunity for additional properties to connect to sewer. It is recommended that further expansion of the Mount Morgan Sewerage Scheme is deferred until an increase in demand or other trigger prompts further expansion of the sewerage scheme.

OFFICER'S RECOMMENDATION

THAT Council endorse the inclusion of a \$100,000 capital allocation in the 2018-19 Council Budget for completion of the minor additional works required in Stage 2 of the Mount Morgan Sewerage Scheme, and support the re-allocation of the remaining capital allocation to fund high priority water mains renewal projects in Mount Morgan.

COMMENTARY

Expansion of the Mount Morgan Sewerage Scheme has progressed well over the last 3-4 years. A sewerage service is now potentially accessible for properties located north of the Dee River in and around parts of James Street, Little James Street, East Street Extended and Byrnes Parade (see Attachment 1). New gravity sewerage network has been constructed to direct all sewage flows to the soon to be completed Railway Parade Sewerage Pump Station. This pump station will then transfer flows to the Dee River Sewerage Pump Station which then pumps sewage to the gravity sewerage network on the south side of the Dee River where it flows to the Mount Morgan Sewage Treatment Plant.

Given the very low demand for new connections, it is recommended that further expansion of this sewerage network be deferred once construction work to enable the known interested property owners to connect is completed. The majority of the capital funding previously planned for continued expansion of the sewerage network will be transferred to high priority water mains replacement projects so that these priority works can continue for the benefit of the Mount Morgan community.

BACKGROUND

Historically, the majority of residents in Mount Morgan have relied on septic systems for the disposal of domestic sewage. In the early part of the 2000s, the Mount Morgan Shire Council commenced construction of a sewerage network to serve approximately 500 connected properties on the southern side of the Dee River throughout the central parts of the township. This project initiative also included the construction of the Mount Morgan Sewage Treatment Plant in 2005 to service this small sewerage scheme.

In 2014, a number of non-compliant domestic septic systems were identified in properties located in Mount Morgan on both sides of the Dee River. As a result of these non-compliant systems, a decision was made to extend the existing sewerage network with a particular emphasis on commencing the construction of a sewerage network on the northern side of the Dee River.

Since 2014, a gravity sewerage network has been constructed that now provides the potential for additional properties to connect to the sewerage network with the potential for future stages to extend to more properties eventually. This newly constructed sewerage network will be commanded by the soon to be completed Railway Parade Sewerage Pump Station which is designed to pump any sewage inflows from the new gravity sewerage

network to the Mount Morgan Sewage Treatment Plant via the existing Dee River Sewerage Pump Station.

Today there are a total of 522 access connections in the Mount Morgan Sewerage Scheme. Given the relatively low level of demand for sewerage services from property owners on the northern side of the Dee River, it is now becoming uneconomic to continue to construct new sewerage infrastructure to expand the Mount Morgan Sewerage Scheme, with other water and sewerage infrastructure needs representing a higher priority for the community.

PREVIOUS DECISIONS

The decisions made by Council in 2014 included some amendments to the *Requirement to Connect to Sewerage Infrastructure Policy* that relate to the Stage 2 (northern side) sewerage extension in Mount Morgan. These amendments stated that connection to the new Stage 2 sewerage network will be required either on the request of the owner, due to the failure of any on-site septic system, or upon the sale of the property. In addition to the policy amendments, the accompanying adopted recommendation stated that the sewerage access charge is paid upon connection to the system in relation to Stage 2 of the Mount Morgan Sewerage Scheme.

BUDGET IMPLICATIONS

FRW proposes that an allocation of \$100,000 be made available in the 2018-19 Council Budget to enable completion of the remaining minor sewerage network construction works with the remaining allocation to be transferred to high priority water mains renewal projects.

LEGISLATIVE CONTEXT

Legislative context is adequately covered in the existing policy that is relevant to this matter.

STAFFING IMPLICATIONS

The transfer of capital budget allocations from the originally planned sewerage scheme expansion to high priority water mains renewal projects in Mount Morgan will provide continued work for the construction workforce that constructed the new sewerage network in recent years.

CORPORATE/OPERATIONAL PLAN

This report is consistent with Corporate and Operational Plan objectives to provide safe and reliable water and sewerage infrastructure and services to the community.

CONCLUSION

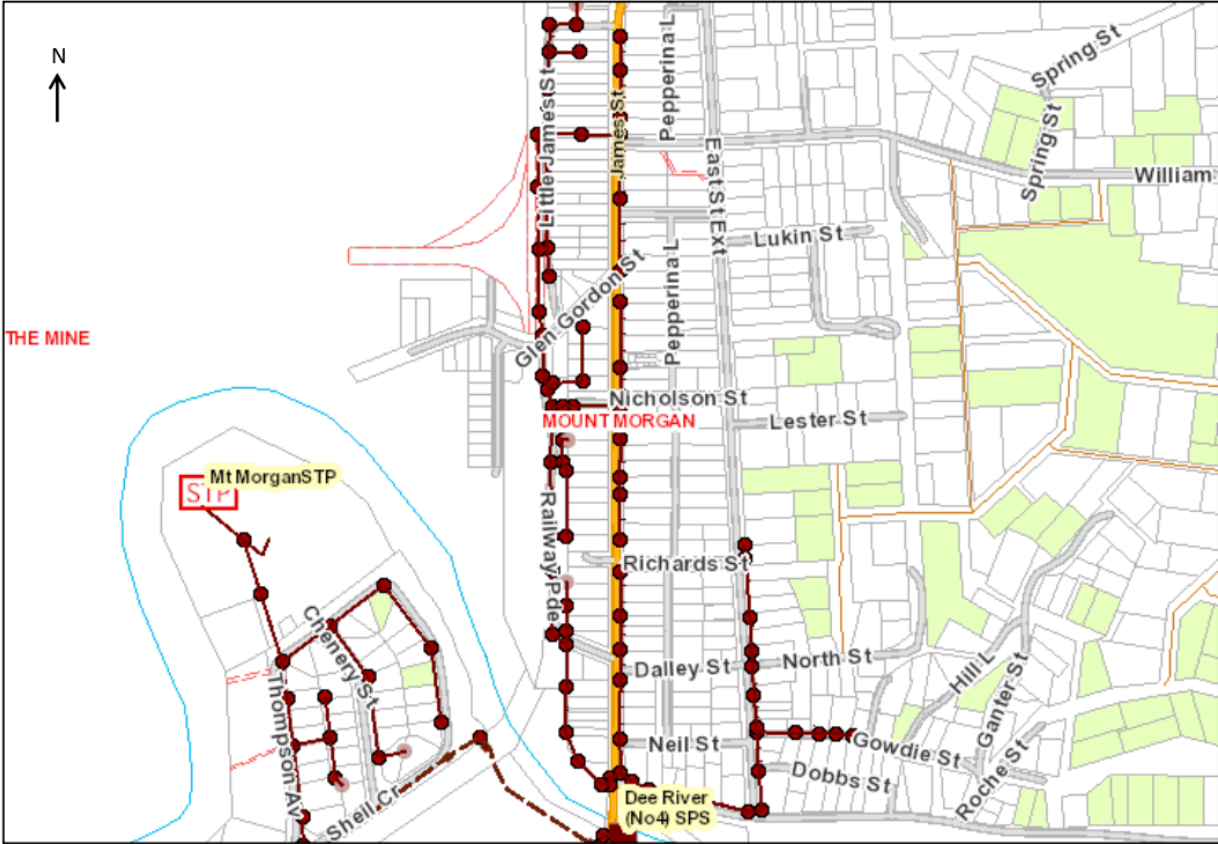
The expansion of the Mount Morgan Sewerage Scheme on the northern side of the Dee River has addressed the number of non-compliant septic systems by enabling these properties to connect to sewer. With very low demand now for new connections, further expansion of the Mount Morgan Sewerage Scheme is not warranted at this time. It is therefore recommended that the previously allocated capital allocations for further sewerage expansion works are diverted to enable further investment in the renewal of water mains in Mount Morgan.

MOUNT MORGAN SEWERAGE SCHEME EXPANSION

Mount Morgan Sewerage Scheme Expansion

Meeting Date: 22 May 2018

Attachment No: 1



Map showing the expansion of the Mount Morgan Sewerage Scheme (red lines) to the north of the Dee River (blue line).

8.5 FRW MONTHLY OPERATIONS REPORT - APRIL 2018

File No: 1466
Attachments: 1. FRW Monthly Operations Report - April 2018 [↓](#)
Authorising Officer: Peter Kofod - General Manager Regional Services
Author: Jason Plumb - Manager Fitzroy River Water

SUMMARY

This report details Fitzroy River Water's financial position and other operational matters for the Council's information as at 30 April 2018.

OFFICER'S RECOMMENDATION

THAT the FRW Monthly Operations Report for April 2018 be received.

FRW MONTHLY OPERATIONS REPORT - APRIL 2018

FRW Monthly Operations Report - April 2018

Meeting Date: 22 May 2018

Attachment No: 1



Monthly Operations Report

Fitzroy River Water

April 2018

1. Highlights

Construction of New Valve Facility for New Norman Rd Trunk Water Main

Fitzroy River Water recently completed a key part of the construction work associated with the new 600 mm trunk water main to replace the old above ground water main along Yaamba Rd in Parkhurst. The work completed recently included the construction of a new valve facility that connects the new trunk main to the Rockhampton to Yeppoon Pipeline at the intersection of Yeppoon Rd and Norman Rd (see photo below). This new valve facility will enable the Ibis Avenue Water Pump Station to be used to supply water to fill each of the Boundary Hill and Mt Charlton Reservoirs and achieve a greater capacity and reliability of supply to the area north of Ramsay Creek than the current pumping arrangement. Following some further construction work, the new trunk water main to Ramsay Creek is expected to be operational by the end of August 2018. This project is being completed with funding provided by the Queensland Government as part of the Rockhampton Northern Access Upgrade project.



Photograph of the old section of main removed and the newly installed pipework.

2. Innovations, Improvements and Variations

Glenmore Water Treatment Plant Solar Farm

Further feasibility work has been completed for the construction of a solar farm adjacent to the Glenmore Water Treatment Plant site. The outcome of this further work builds on what has been done previously to confirm that the construction of a solar farm up to 2 MW is feasible with some optimisation of the pumping arrangements to maximise daytime pumping and where possible, offset the draw on grid power through the use of the diesel generator to avoid peak power demand periods. The use of a battery storage system was also considered, however, at this stage this option is not considered viable given the relatively high capital cost of the battery storage systems and the availability of a diesel generator already on site. The recent feasibility work confirms some of the earlier findings that showed a period for return on investment of approximately 6-7 years.

Water Meter Renewal Program

FRW has recently completed some planning work for a proposed Water Meter Renewal Program to commence in 2018-19. This project is an important part of making sure that FRW's fleet of more than 35,000 water meters continues to read accurately to enable effective billing of water consumption. Typically, 20 mm residential water meters start to become inaccurate after an extended period of time and/or water passage due to wear of the mechanical components inside the meter. Generally, this wear can lead to eventual failure or significant under-reading by the meter as it deteriorates. Analysis work completed recently shows that approximately 82% of the water meters installed in parts of the Agnes St High Pressure Zone along the top of Athelstane Range are >10 years old, with many close to 15 years old. FRW has proposed a budget allocation in the 2018-19 Council Budget to commence a Water Meter Renewal Program for the systematic renewal of water meters currently in use. It is hoped that once this work commences, some further analysis of the improved accuracy of meter reads will be undertaken to assess the potential extent of non-revenue water across the region.

3. Customer Service Requests

Response times for completing customer requests in this reporting period for April are below. FRW uses Pathway escalations to monitor service performance compliance to the Customer Service Standards.

	Balance B/F	Completed In Current Mth	Current Month NEW Requests		TOTAL INCOMPLETE REQUESTS BALANCE	Work Orders Issued	On Hold	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 incomplete)
			Received	Completed									
Water/Sewer Location or New Main Enquiries Only	0	0	0	0	0	0	0	0.00	2	0.00	0.25	3.67	3.67
Network Construction - Reworks (Reinstatement Proj)	0	0	0	0	0	0	0	0.00	1	0.00	0.00	0.00	0.00
Network Construction - Planned Works (Scheduled Re	0	0	0	0	0	0	0	0.00	1	0.00	0.00	0.00	0.00
Customer Service - Rebate Residential FRW USE ONLY	3	2	41	30	11	0	0	0.00	30	1.93	2.88	4.93	3.35
Customer Service - Rebate Undetected Leaks	4	4	18	4	12	0	0	0.00	20	9.25	13.78	15.21	13.08
Customer Service - Standpipe Enquiry/Read	0	0	0	0	0	0	0	0.00	2	0.00	10.00	8.44	0.67
Customer Service - Water Exemption Request	0	0	0	0	0	0	0	0.00	5	0.00	0.00	1.00	1.00
Development - Applications	0	0	0	0	0	0	0	0.00	10	0.00	0.00	0.00	0.00
Network Systems (Network Analysis Water or Sewer)	0	0	0	0	0	0	0	0.00	7	0.00	10.67	6.80	4.50
Development - Strategic Sewer	0	0	2	1	1	0	0	6.54	10	7.00	3.50	3.71	3.88
Development - Strategic Water	0	0	0	0	0	0	0	-0.25	10	0.00	14.00	5.50	4.00
Environment and Water Conservation Enquiry	0	0	0	0	0	0	0	1.09	5	0.00	15.50	14.40	16.50
Finance - Irrigators/Water Allocations (Asset)	0	0	1	1	0	0	0	173.65	7	1.00	4.92	5.81	4.53
Network Services - No Water (Asset)	0	0	7	7	0	0	0	-0.35	1	0.00	0.10	0.12	0.08
Network Services - Reactive Sewerage Block (Asset)	3	3	31	24	6	0	0	1.15	1	0.22	2.57	89.41	114.61
Network Services - Sewer/Water Leak Reimbursement	0	0	1	1	0	0	0	0.02	7	2.00	3.79	4.36	2.38
Network Services - Sewer Inflow Inspection/Enquiry	1	0	2	2	1	0	0	0.00	7	2.50	5.50	3.76	2.12
Network Services - Water Leaks (Asset)	0	0	93	78	12	1	0	-0.54	1	0.70	0.73	1.29	0.53
Network Services- Poor Water Pressure (Asset)	0	0	9	8	1	0	0	-0.31	1	0.20	1.71	2.48	0.22
Process - Tradewaste	0	0	3	1	2	0	0	0.00	7	7.50	3.83	4.01	2.84
Network Services - Lids/Cover (Asset)	2	0	7	5	4	2	0	1.68	1	0.20	0.76	2.95	4.46
Network Services - Meter Maintenance (Asset)	147	21	94	11	209	60	0	1.30	1	1.94	8.34	19.48	22.47
Network Services Private Works/Standard Connection	2	0	3	2	3	0	0	83.02	5	2.00	1.79	2.08	2.90
Network Services - Reinstatements (Asset)	0	0	8	8	0	0	0	15.73	1	1.90	3.15	4.50	5.22
Network Services Special Read Enquiry (Pty Gtrn)	0	0	0	0	0	0	0	0.00	10	0.00	1.00	8.50	8.50
Network Services - Water Meter Reading Enquiry	0	0	13	7	1	0	0	91.71	5	2.29	676.31	293.17	2.86
Process - Odour (Sewer Only) (Asset)	0	0	1	1	0	0	0	-0.26	1	0.00	3.42	3.45	0.89
Process - River Quality	0	0	0	0	0	0	0	0.00	2	0.00	0.00	2.00	0.00
Process - Drinking Water Quality (Asset)	0	0	2	2	0	0	0	42.21	1	0.33	0.74	0.73	0.41
Water Meter Read Search - "NOT FOR CSO"	24	21	72	58	17	0	0	0.00	90	3.62	4.48	4.94	5.07

4. Service Delivery

Service Delivery Standard	Target	Current Performance	Service Level Type (Operational or Adopted)
Drinking Water Samples Compliant with ADWG	>99%	100%	Adopted
Drinking water quality complaints	<5 per 1000 connections	0.10	Adopted
Total water and sewerage complaints	N/A	213	N/A
Glenmore WTP drinking water E.C Content	<500 µS/cm	210 µS/cm	Operational
Glenmore WTP drinking water sodium content	<50 mg/L	18 mg/L	Operational
Average daily water consumption – Rockhampton	N/A	43.1 ML	N/A
Average daily water consumption – Gracemere	N/A	5.9 ML	N/A
Average daily water consumption – Mount Morgan	N/A	1.2 ML	N/A
Average daily bulk supply to LSC	N/A	7.5 ML	N/A
Drinking water quality incidents	0	0	Adopted
Sewer odour complaints	<1 per 1000 connections	0.05	Adopted
Total service leaks and breaks	80	81	Adopted
Total water main breaks	15	10	Adopted
Total sewerage main breaks and chokes	32	8	Adopted
Total unplanned interruptions – water	N/A	39	N/A
Average response time for water incidents (burst and leaks)	N/A	111 min	N/A
Average response time for sewerage incidents (including main breaks and chokes)	N/A	57 min	N/A
Rockhampton regional sewer connection blockages	42	17	Adopted

5. Legislative Compliance and Standards (including Risk and Safety)

Safety Statistics

The safety statistics for the reporting period are:

	THIRD QUARTER 2017/18		
	April	May	June
Number of Lost Time Injuries	0		
Number of Days Lost Due to Injury	9		
Total Number of Incidents Reported	4		
Number of Incomplete Hazard Inspections	0		

Hazard inspections are being completed however FRW processing of any rectification actions can delay meeting the end of month cut-off date for HR reporting.

An overview of the table above is as follows:

- There were no lost time injuries for the month.
- Two employees are currently on long term lost time injury.
- Four incidents were reported for the month, being:
 - A FRW Work truck was broken in to after hours with some cordless equipment being stolen.
 - A 5T excavator on hire was slightly damaged when it became unstable and came in contact with the edge of the trench.
 - A staff member received a slight tingle to the right hand via an electric winch cable.
 - An incident at the WRSTP where a staff member received insignificant injuries when a decking board gave way whilst they were collecting samples.

Legislative timeframes

Item	Due Date	Compliant? (Yes/No)	Status
DNRME Review of No. 7 Dam Emergency Action Plan	01/05/2018	Yes	EAP submitted with ongoing interactions with regulator throughout the review process.

6. Operational Plan Targets by Section

The following Operational Plan actions and targets are required to be reported to Council on a monthly basis. This data will also form part of the Operational Plan quarterly report to Council:

Operational Plan Ref	Action	Target	Status
1.1.1.1	Operate, maintain and repair infrastructure as detailed in the annual maintenance programs	Delivery of the annual operating budget to 95%	Operational expenditure tracking very closely to budget.
1.1.1.2	Deliver the annual capital works program	Budget expenditure greater than 95%	Capital projects well underway and on-track overall against expenditure targets with some projects ahead of schedule and some slightly behind schedule.
1.1.1.3	Ensure safe and reliable operation of raw water storages	Compliance with state legislation and national guidelines	All water storages compliant with normal operational and maintenance work ongoing.
1.1.1.4	Ensure safe and reliable treatment and supply of drinking water	Compliance with Customer Service Standards, state legislation and national guidelines	100% compliance with state legislation and national guidelines. Performance against Customer Service Standards reported quarterly.
1.1.1.5	Ensure safe and reliable transport and treatment of sewage	Compliance with Customer Service Standards, state legislation and national guidelines	>99% compliant with state legislation and national guidelines. One minor non-compliant result for pH or chlorine at each of the Rockhampton and Gracemere STPs. See Customer Service Standards report for this quarter.
1.1.1.6	Ensure safe and reliable supply of non-potable water	Compliance with state legislation and national guidelines	100% compliance with state legislation and national guidelines.

Operational Plan Ref	Action	Target	Status
1.3.6.1	Ensure the safe and reliable operation of raw water storages	Compliance with legislative requirements for dam safety management	Review of Mount Morgan No. 7 Dam Emergency Action Plan in final pre-approval stage. Barrage Failure Impact Assessment completed.
2.2.3.1	Support programs that encourage residents to transition away from social support options	Consider options in budget planning to support employment programs in 2018/19	Procurement of services from local contractors where possible. Apprentice Fitter being recruited. Business Admin Trainee commenced in 2018.
3.1.2.1	Promote water wise behaviours and practices	Achievement of annual marketing communications plan activities in accordance with agreed timeframes	FRW MarComms Plan currently being implemented with preparation commencing for FRW representation at Rockhampton Show.
3.1.2.1	Promote water wise behaviours and practices	Provide water rebates for residential water efficient products and process all rebate applications within 10 business days	Residential water efficient products rebates processed according to policy.
3.1.5.1	Minimise nutrient and sediment discharges to local waterways	Demonstrate compliance with Environmental Authority release limits and continuous improvement initiatives	>99% compliant with state legislation and national guidelines. One minor non-compliant result for pH or chlorine at each of the Rockhampton and Gracemere STPs. Decommissioning of WRSTP on-track for mid-2018. See Customer Service Standards quarterly report.
3.2.1.1	Develop a renewable energy program for Fitzroy River Water	Program completed by 30 June 2018	Solar Farm opportunity feasibility study completed and budget planning underway. 10% renewable energy secured for large scale contestable electricity sites.
4.1.1.1	Provide timely and accurate responses to requests	In accordance with unit's customer service standards or adopted service levels	See Customer Services Standards quarterly report in this agenda.
4.1.1.2	Provide effective delivery of Council services	In accordance with unit's customer service standards and service levels	See Customer Services Standards quarterly report in this agenda. See specific Operational Plan references above.

Operational Plan Ref	Action	Target	Status
5.2.1.1	Comply with legislative requirements	Updates to be presented to Council in sectional monthly reports	See specific Operational Plan references above. Dam safety review of Emergency Action Plan for No. 7 Dam completed and submitted.
5.2.1.4	Operational risks are monitored and managed in accordance with legislative requirements	Risk registers are presented to Council on a quarterly basis	Risk Register updated accordingly by FRW. Mitigation of SCADA cybersecurity risks and environmental compliance risks by implementing the STP strategy with the decommissioning of the WRSTP currently on-track for mid-2018.
5.2.1.8	Monitor and review non-compliance of legislative requirements	Report on legislative non-compliance included in sectional reports presented to Council on a monthly basis	See specific Operational Plan references above and the remainder of the report.
5.3.1.1	Workforce planning is reviewed to ensure that resourcing levels meet business needs in accordance with budget allocations	Review workforce requirements in accordance with budget schedule	Workforce resourcing requirements reviewed during budget planning for 2018-19 Operational Budget.
5.3.2.1	Continually review operational expenditure	Identify at least one operational saving per section of responsibility	Chemical usage and contractor expenditure at STPs reviewed, with reduction in frequency of bulk waste removal implemented.
5.4.2.6	Pursue improved processes through all levels of Council	Identify at least two improved processes per section of responsibility	Work being done to assess the opportunity of using a different set of contract terms and conditions for externally contracted capital projects.

7. Capital Projects

As at period ended 30 April 2018 – 83.3% of year elapsed. Information is provided for projects for which significant progress has been made during this reporting period.

The following abbreviations have been used within the table below:

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

Project	Planned Start Date	Planned End Date	Status	Budget Estimate	YTD actual (incl committals)
CAPITAL WORKS PROGRAM					
NETWORK OPERATIONS CAPITAL WORKS PROGRAM					
Rockhampton/Gracemere Water					
Yaamba Road Trunk Water Main Relocation Project 600mm water main replacement	February 2017	August 2018	69%	\$7,655,007	\$5,293,139
Comments: 600mm DICL main replacement project. Water main construction as part of Department of Transport and Main Roads RNAU Project. Stage 2 water main construction in progress with major scope/alignment changes to within the Norman Road corridor between Yeppoon Road and Olive Streets. Construction of Stage 2.2 complete, with construction of Stage 2.3 now in progress.					
Main Street (Haynes – Bertram)	July 2017	June 2018	95%	\$225,060	\$169,129

Project	Planned Start Date	Planned End Date	Status	Budget Estimate	YTD actual (incl committals)
150mm water main replacement					
Comments: 150mm CI main replacement project. Approval received for an underbore within the QR reserve, works scheduled with contractor.					
Alexandra Street (Richardson – Thomasson) 150mm water main replacement	March 2018	June 2018	65%	\$235,669	\$232,083
Comments: 150mm CI main replacement project.					
Macalister, Thompson and Parris Streets 150mm water main replacement	March 2018	May 2018	80%	\$311,262	\$119,685
Comments: 150mm CI main replacement project.					
Mount Morgan Water					
Pepperina Lane (Off East Street Extended) 100mm water main replacement	April 2018	May 2018	65%	\$32,878	\$12,735
Comments: 100mm main replacement project carried out in conjunction with Civil Operations Project.					
Rockhampton/Gracemere Sewer					
West Rockhampton Sewage Catchment Diversion Project Jardine Park 300mm SRM construction	April 2017	May 2018	86%	\$3,500,000	\$3,888,834
Comments: Stage 2 construction in progress, preliminary design works for Stage 3 progressing. Significant design changes from original design, resulting in increased construction depths in excess of 5m along with increased underboring. Increased depth and ground conditions has presented the need for shoring of all trenches. Construction to CH4025 is now complete. Cardno have been engaged to complete all works associated with the QR crossing approval. Design of the final stage to Arthur Street SPS now complete with construction recommencing on site 9 May 2018.					
Sewer rehabilitation program (including Building over Sewer)	July 2017	June 2018	83%	\$408,000	\$468,131
Comments: Rehabilitation and renewals - annual program of works consisting of emergent replacements.					

Project	Planned Start Date	Planned End Date	Status	Budget Estimate	YTD actual (incl committals)
Mount Morgan Sewer					
Railway Ave New 225mm Gravity Sewer Construction (Stages 2 & 3 incl. SPS)	July 2015	June 2018	85%	\$4,200,000 (15/16 – 17/18) Including \$1m BOR	\$2,939,350
Comments: On Schedule. Significant increase in cost due to stabilised backfill requirements specified within TMR reserve. Scope of project increased to service additional properties. Construction of Stage 2 extensions in progress, Railway Parade SPS construction in progress.					
TREATMENT AND SUPPLY CAPITAL WORKS PROGRAM					
GSTP Augmentation	July 2016	June 2019	60%	\$543,644	\$358,640
Comments: Stage 2. Installation of mechanical dewatering equipment nearing completion. Design for construction of new bioreactors well underway.					
M W Dam No 7 CCTV Installation	July 2014	June 2018	50%	\$30,000	\$12,000
Comments: Procurement of CCTV and communications equipment underway and an agreement signed with Qld Government for access to a communications tower. Currently awaiting final approval from Qld Government prior to on-site works commencing.					
M WTP CCTV Installation	July 2014	June 2018	50%	\$15,000	\$5,000
Comments: Procurement of CCTV and communications equipment underway and an agreement signed with Qld Government for access to a communications tower. Currently awaiting final approval from Qld Government prior to on-site works commencing.					
M W Dam No 7 Raw Lift Pump Upgrade	July 2016	May 2018	99%	\$25,000	\$6,500
Comments: Work to be finalised after commissioning of the new UV Disinfection system at the WTP in early August. This project has been delayed slightly due to the late completion of the UV disinfection project and associated treatment upgrades.					
R – GWTP Low Lift Pump 2 and 3 Renewal	August 2017	August 2018	40%	\$550,000	\$2,800
Comments: Design and procurement of pumps and electrical equipment underway					

Project	Planned Start Date	Planned End Date	Status	Budget Estimate	YTD actual (incl committals)
R – Reservoir Access Upgrades (R'ton and Gracemere)	July 2017	May 2018	50%	\$60,000	\$0
Comments: Installation underway with completion expected by late May. Some delays in completion of design to ensure standard specifications are met.					
R – Barrage Gate Height Raising	July 2017	June 2019	30%	\$200,000	\$36,000
Comments: Failure Impact Assessment completed as part of feasibility assessment, with final feasibility report expected by late May.					
R GWTP Chemical Oxidation dosing system	September 2016	May 2018	95%	\$350,000	\$316,263
Comments: Commissioning now underway with completion expected by mid-April. Final documentation now being completed prior to award of Practical Completion.					
R – S NRSTP Aerator Replacement	July 2017	June 2018	90%	\$90,000	\$114,000
Comments: Renewal of No. 6 aerator now complete and refurbishment of No. 1 aerator complete. Additional works planned for No. 2 and No. 5 aerators as part of ongoing renewal program					
MMWTP Coagulant Dosing Upgrade	January 2016	April 2018	90%	\$132,000	\$152,000
Comments: Complete					
R – SRSTP Anoxic Mixers Renewal	December 2016	May 2018	70%	\$40,000	\$38,000
Comments: Project awarded to contractor with design work underway and equipment ordered. Equipment now received from overseas with installation planned for the coming months. This project has been delayed slightly by the later than expected completion of the secondary sludge pump renewal project (see below).					
R – NRSTP Complete Electrical Renewal	August 2017	December 2018	20%	\$2,500,000	\$84,878
Comments: Design work well underway with installation works commencing in late May.					
R – SRSTP Anaerobic digester flare renewal	August 2017	June 2018	40%	\$230,000	\$3,500

Project	Planned Start Date	Planned End Date	Status	Budget Estimate	YTD actual (incl committals)
Comments: Design nearing completion for installation to commence in late May. Some delays due to final review of design still ongoing.					
R – SRSTP Secondary Sludge Pump Renewal	August 2017	June 2018	60%	\$94,000	\$45,000
Comments: One of two pumps installed with commissioning underway prior to installation of final pump in late May.					
R – SPS Electrical Renewal (Various stations)	July 2017	June 2018	50%	\$890,000	\$388,000
Comments: A number of SPS completed in Rockhampton and Gracemere with further SPS to be issued as additional package of works.					

8. Operational Projects

As at period ended 30 April 2018 – 83.3% of year elapsed.

Project	Planned Start Date	Planned End Date	Status	YTD actual (incl committals)
Inflow and Infiltration Inspection Program – South Rockhampton (selected areas)	September 2016	March 2018	Inspection program complete, repair works now complete also.	\$40,417
Inflow and Infiltration Inspection Program – North Rockhampton (selected areas)	July 2017	November 2018	Inspection program complete, rectifications works commenced March 2018 and in progress.	\$26,941

9. Budget

Operational

Revenue is currently 92.6% of the 2017/2018 September Revised Budget. Some revenue streams are below target with the exception of utility charges due the advanced impact of water and sewerage access charges.

Gross water consumption revenue is 78.2% of the revised budget. All of the third quarter has been billed along with one sector of the fourth quarter. Billed water consumption has increased by 4.3% compared to the same period last year. Gross water and sewerage access charges are on target, with the exception of Gracemere slightly below. Bulk water sales are on target. Private Works revenue is below target at this juncture. Fees and charges are slightly below target, with trade waste, bulk liquid waste, metered standpipe hire and special water meter reading activities influencing this result. The advanced impact of irrigator charges also influencing the result in a positive light.

Expenditure year to date is 84.9% of the 2017/2018 September Revised Budget. The three expenditure streams influencing the above target result are contractors, competitive neutrality and internal charges, with competitive neutrality charge being the biggest contributor. As mentioned in prior reports, internal charges are due to higher than anticipated internal plant charges. Contractors are due to the timing of some large annual maintenance expenditure and are to be monitored. Competitive neutrality expenses are above target due to income tax equivalent payments not being a static amount on a monthly basis.

No other material exceptions to be reported.

Capital

Comparisons are to the 2017/2018 Draft March Revised Budget that is not yet adopted.

Capital expenditure is below the percentage of year elapsed at 70.7% in comparison to the 2017/2018 March Revised Budget. Expenditure during April has remained fairly static compared to March at \$1.1M.

Water YTD 76.5% and Sewer YTD 66.8%.

Networks YTD 81.3% and Treatment YTD 60.8%.

The areas of prominent activity are the Yaamba Rd 600mm water main replacement, GSTP mechanical dewatering, NRSTP electrical upgrade, Sewer main refurbishment and Water Main Replacement programs.

There are no material exceptions to report.

Sundry Debtors

Below is a summary of aged sundry debtor balances at the end of April 2018. The 90+ day balances are either on payment plans, the business is in administration or the debt is with Collection House.

	Balance	0-30 Days	30-60 Days	60-90 Days	90+ Days
No. of Customers	210	176	18	31	40
Total Value	\$176,961.57	\$98,801.91	\$32,509.50	\$12,705.17	\$32,944.99

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

90+ days	Comments
\$3,456.60	Trade Waste – collection attempts unsuccessful
\$4,376.48	Other payment plans – Private works, standpipes and trade waste
\$25,111.91	Other overdue debts with no fixed arrangements – trade waste, irrigators, standpipes, emergency works – overdue letters issued
60-90 Days	Comments
\$8,268.24	Standpipes (includes \$6,700.46 from 3 debtors that has 90+ days)
\$4,436.93	Irrigators (includes \$2,416.15 from 11 debtors that has 90+ days)
30-60 Days	Comments
\$4,301.78	Standpipes (includes \$828.00 from 3 debtors that has 90+ days)
\$28,207.72	Trade waste and septic disposal (includes \$13,775.08 from 2 debtors that has 90+ days)

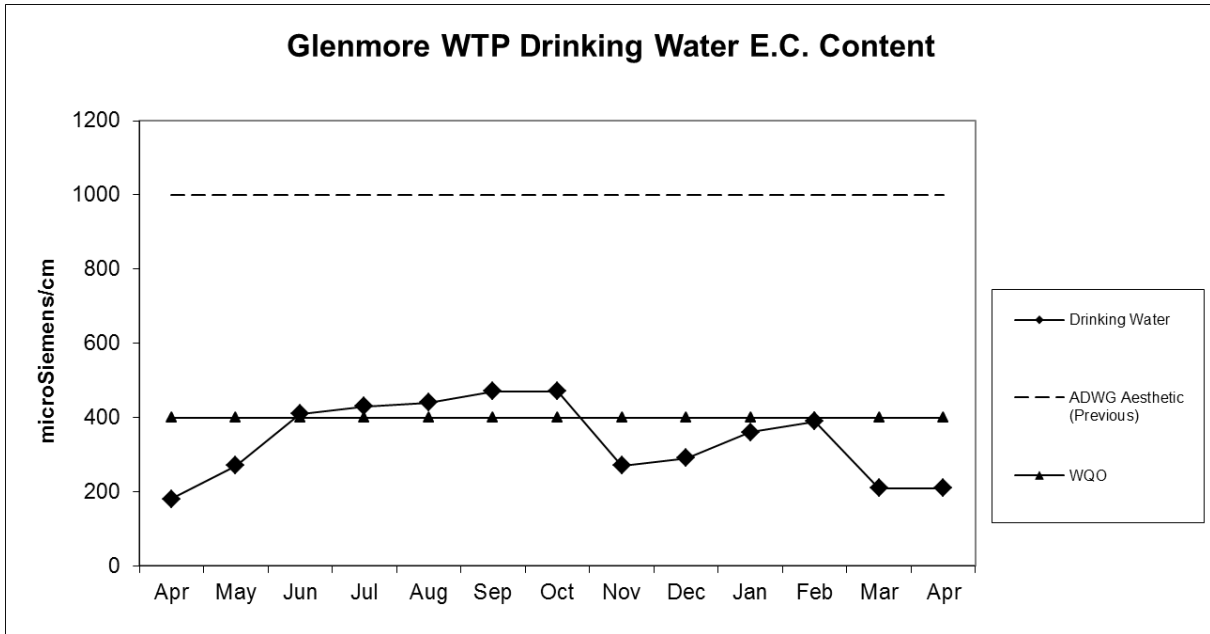
A summary of financial performance against budget is presented below:

End of Month General Ledger - (Operating Only) - REGIONAL SERVICES							
As At End Of April 2018							
Report Run: 08-May-2018 08:33:10 Excludes Nat Accts: 2802,2914,2917,2924							
	Adopted Budget	Revised Budget	EOM Commitments	YTD Actual	Commit + Actual	Variance %	On target 83.3% of Year Gone
	\$	\$	\$	\$	\$	%	
FITZROY RIVER WATER							
<u>Treatment & Supply</u>							
Revenues	0	0	0	(1,113)	(1,113)	0%	✓
Expenses	9,488,515	9,487,012	850,537	8,261,491	9,112,028	96%	✗
Transfer / Overhead Allocation	329,081	329,081	0	298,276	298,276	91%	✗
Total Unit: Treatment & Supply	9,817,596	9,816,092	850,537	8,558,654	9,409,191	96%	✗
<u>Network Services</u>							
Revenues	(392,200)	(392,200)	0	(308,478)	(308,478)	79%	✗
Expenses	2,816,957	2,802,057	1,677,938	2,246,123	3,924,061	140%	✗
Transfer / Overhead Allocation	600,302	600,302	0	555,371	555,371	93%	✗
Total Unit: Network Services	3,025,059	3,010,159	1,677,938	2,493,016	4,170,953	139%	✗
<u>FRW Management</u>							
Revenues	(63,863,150)	(63,821,450)	0	(59,152,846)	(59,152,846)	93%	✓
Expenses	16,830,004	16,969,603	17,711	14,140,131	14,157,842	83%	✗
Transfer / Overhead Allocation	25,613,747	25,613,747	0	21,872,344	21,872,344	85%	✗
Total Unit: FRW Management	(21,419,398)	(21,238,099)	17,711	(23,140,370)	(23,122,659)	109%	✓
<u>Business & Project Services</u>							
Expenses	679,596	679,596	3,591	569,725	573,316	84%	✗
Transfer / Overhead Allocation	51,964	51,964	0	52,527	52,527	101%	✗
Total Unit: Business & Project Services	731,560	731,560	3,591	622,252	625,843	86%	✗
Total Section: FITZROY RIVER WATER	(7,845,183)	(7,680,288)	2,549,777	(11,466,449)	(8,916,671)	116%	✓

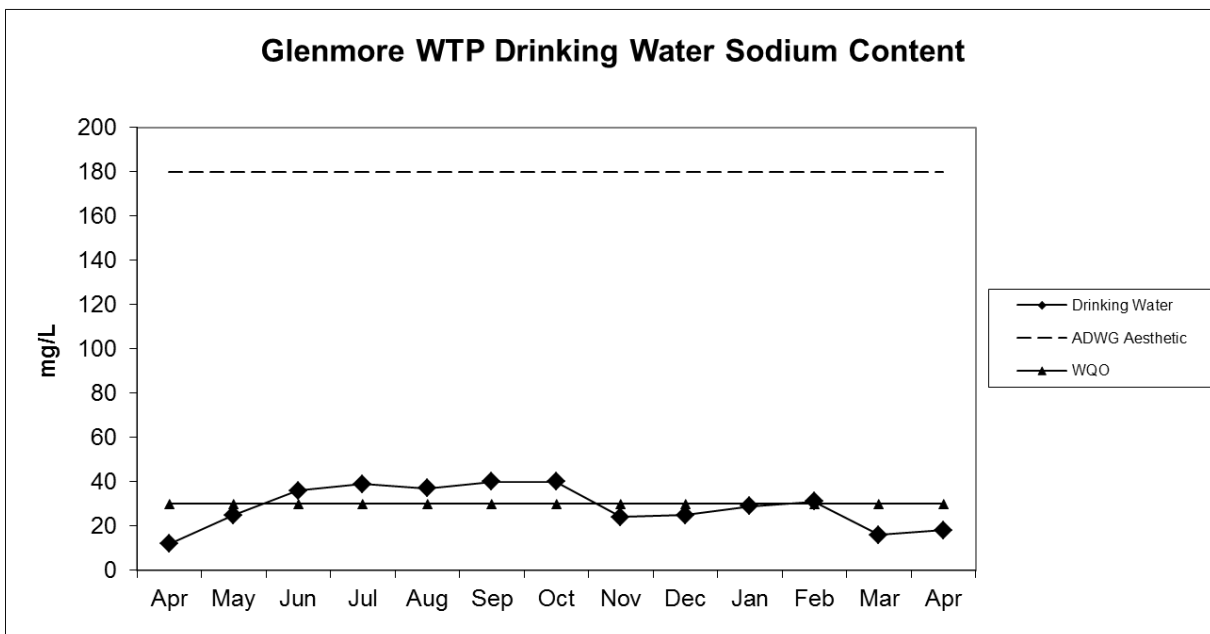
10. Section Statistics

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 was unchanged at 210 µS/cm following significant river flows. 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. concentration is expected to remain relatively unchanged for the next few months.



The concentration of sodium in drinking water supplied from the GWTP during April increased slightly to be 18 mg/L following significant river flows. The current level of sodium is below 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 expected to remain relatively unchanged for the next few months.

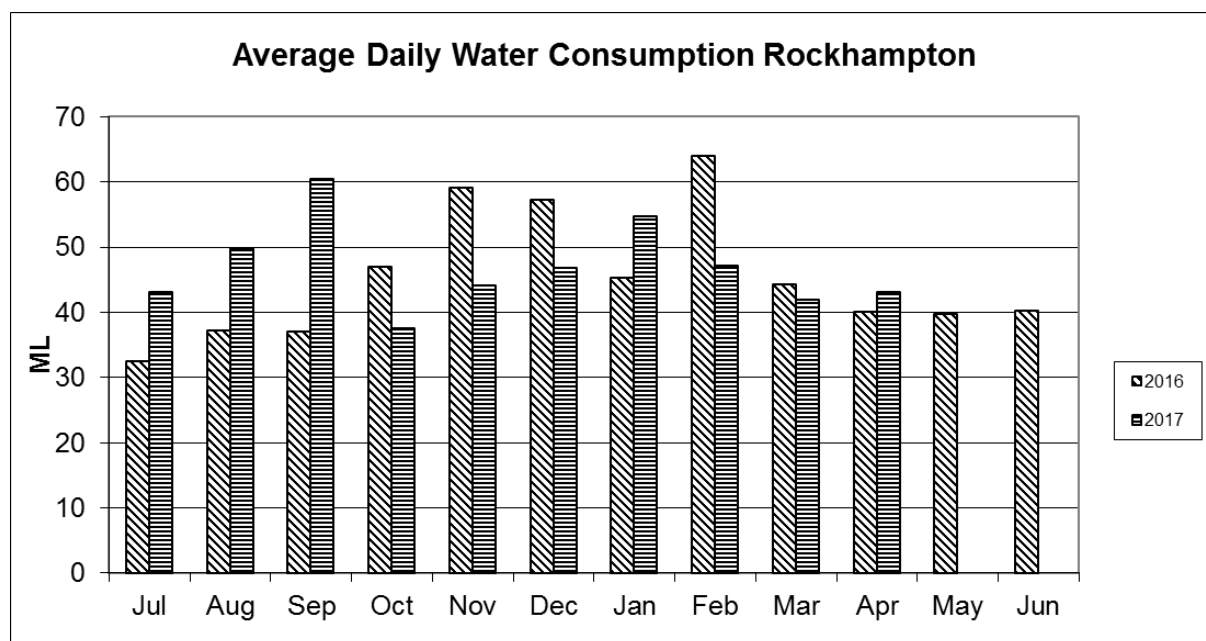
Drinking Water Quality as at 18 April 2018		
Parameter	Rockhampton	Mount Morgan
Total Dissolved Solids (mg/L)	150	120
Sodium (mg/L)	18	26
Electrical Conductivity (μ S/cm)	210	250
Hardness (mg/L)	41	48
pH	7.03	7.20

The table above shows the results of drinking water testing in Rockhampton and Mount Morgan for selected water quality parameters.

Drinking Water Supplied

Data is presented in graphs for each water year (e.g. 2017 is the period from July 2017 to June 2018).

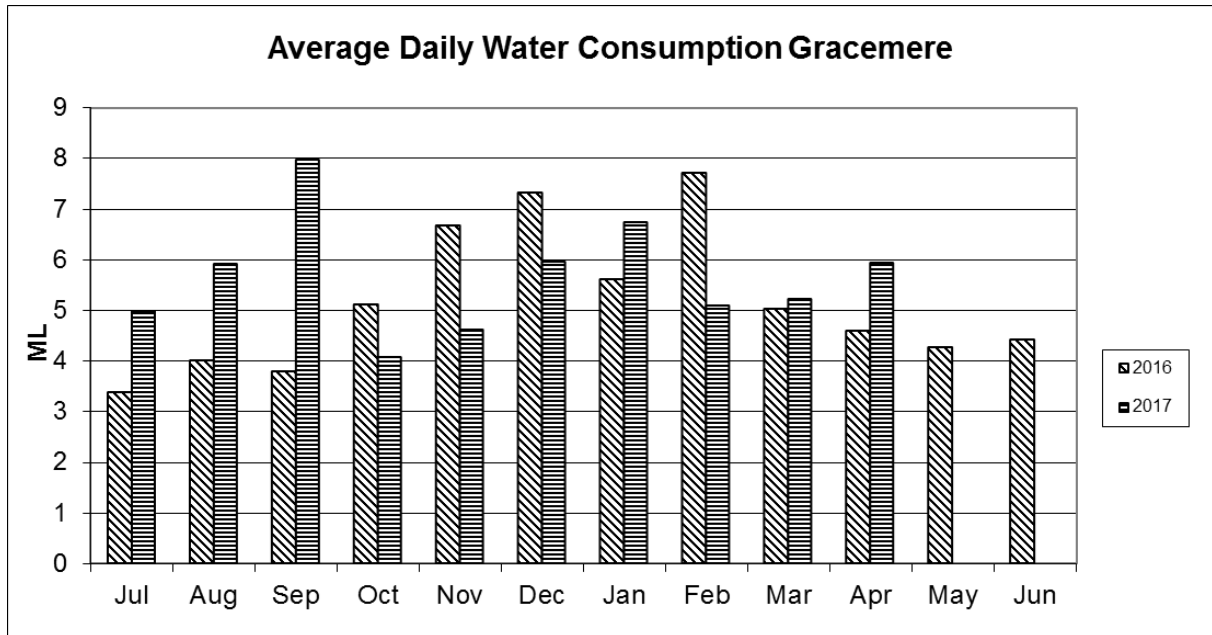
Rockhampton



Average daily water consumption in Rockhampton during April (43.1 ML/d) increased from that recorded in March and was higher than that reported in the same period last year. The higher consumption was due to the relatively low rainfall during the month. The Fitzroy Barrage Storage is currently at 100% of accessible storage volume and is therefore well

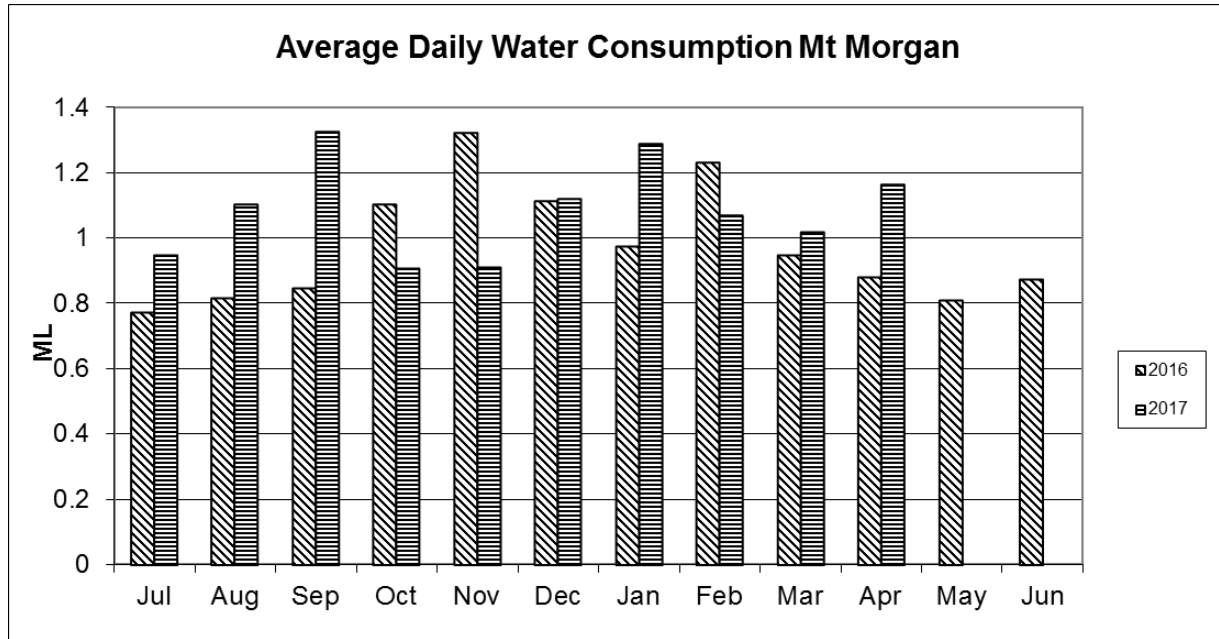
above the threshold in the Drought Management Plan used to trigger the implementation of water restrictions.

Gracemere



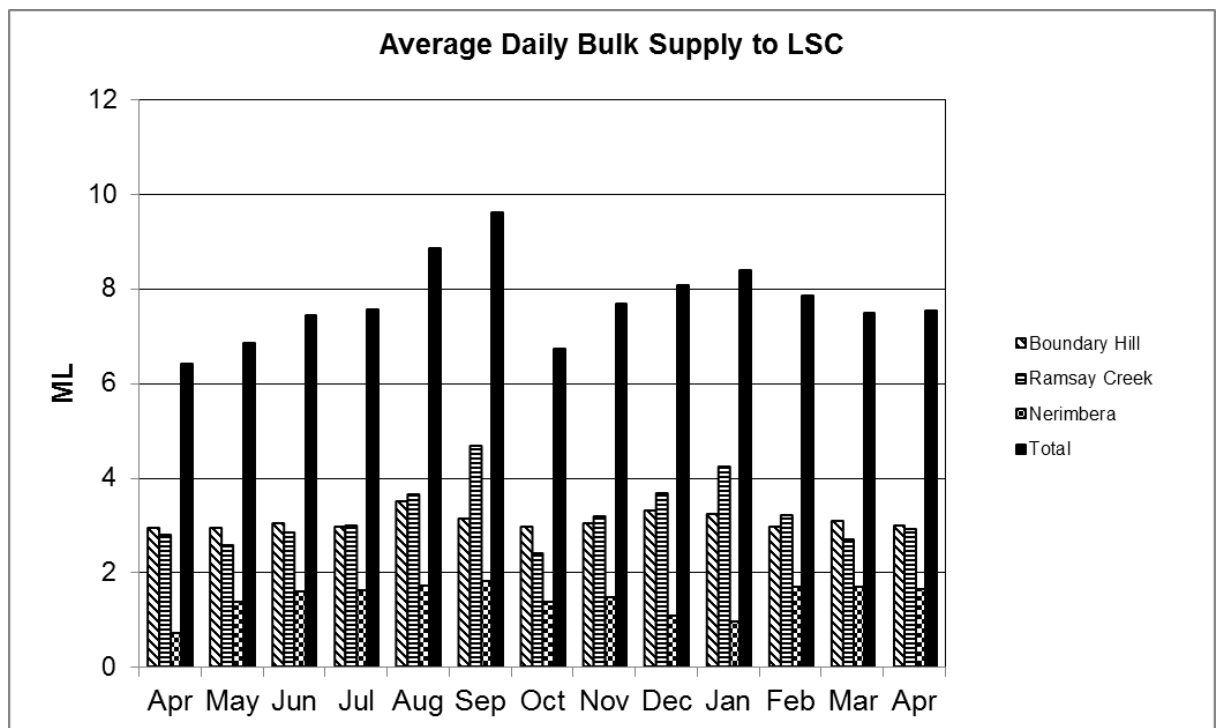
Average daily water consumption in Gracemere during April (5.9 ML/d) increased from that recorded in March and was higher than that reported in the same period last year. The higher consumption was due to the relatively low rainfall during the month. The Fitzroy Barrage Storage is currently at 100% of accessible storage volume and is therefore well above the threshold in the Drought Management Plan used to trigger the implementation of water restrictions.

Mount Morgan



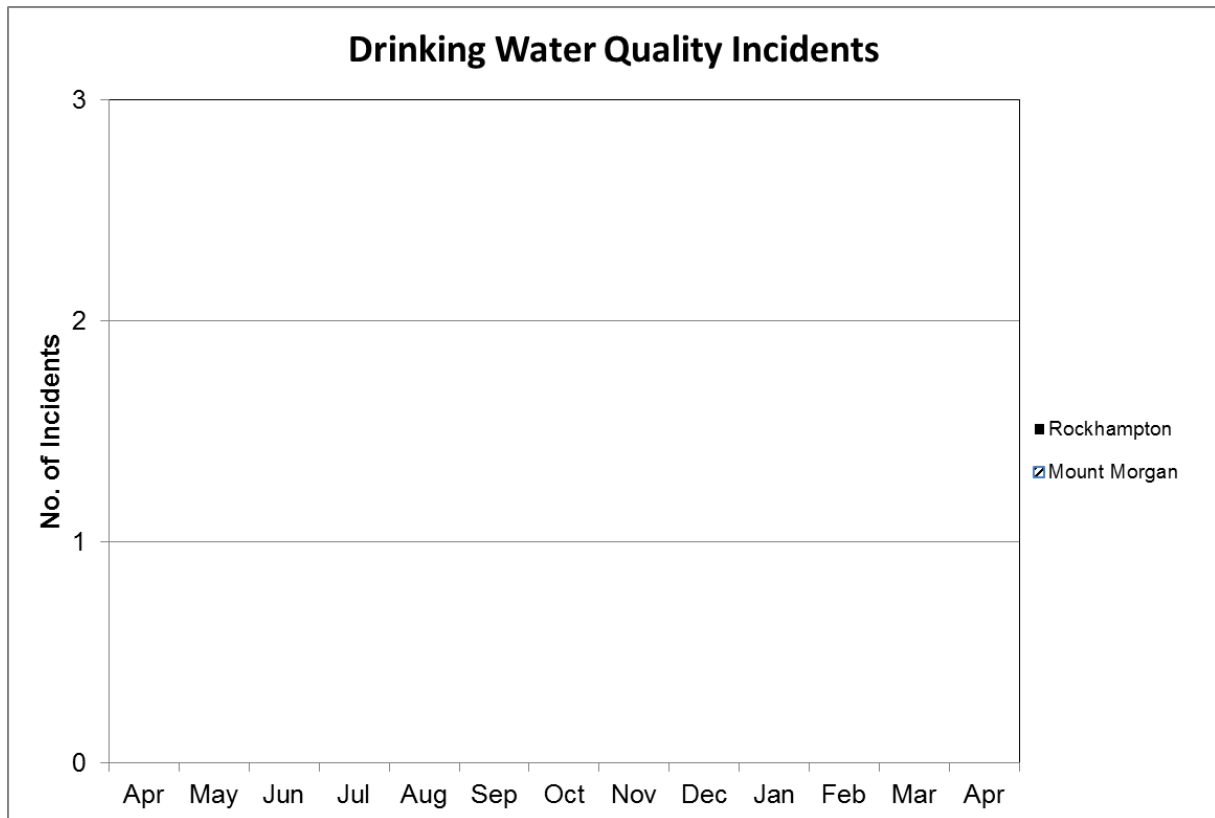
Average daily water consumption in Mount Morgan during April (1.2 ML/d) increased from that recorded in March and was higher than that reported for the same period last year. The increase in consumption was due to the relatively low rainfall during the month. The No. 7 Dam is currently at 79% of the accessible storage volume and 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



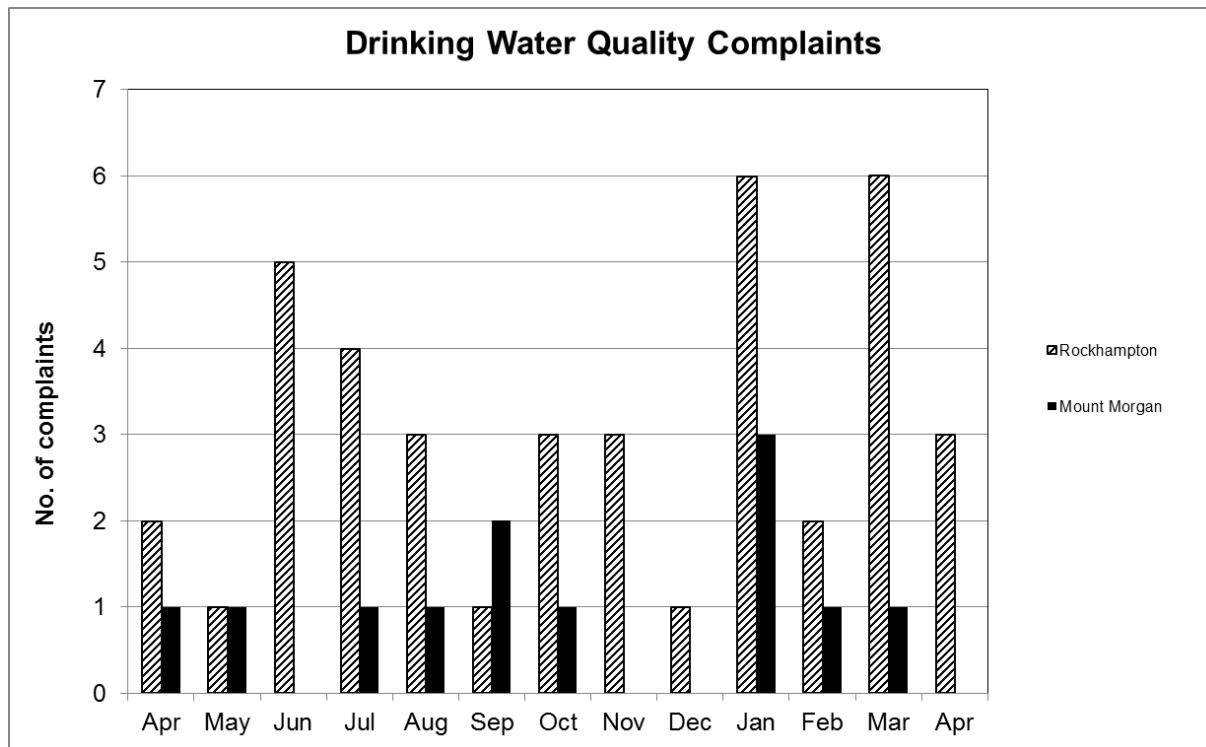
The average daily volume of water supplied to LSC during April increased slightly compared to that recorded in March to be 7.54 ML/d. This volume is higher than that recorded for the same period last year. The higher consumption was due to the relatively low rainfall during the month, with a higher volume supplied via the Ramsay Creek supply point.

Drinking Water Quality Incidents



No water quality incidents occurred during the month of April. No water quality incidents have occurred in the last two and a half years.

Drinking Water Quality Complaints

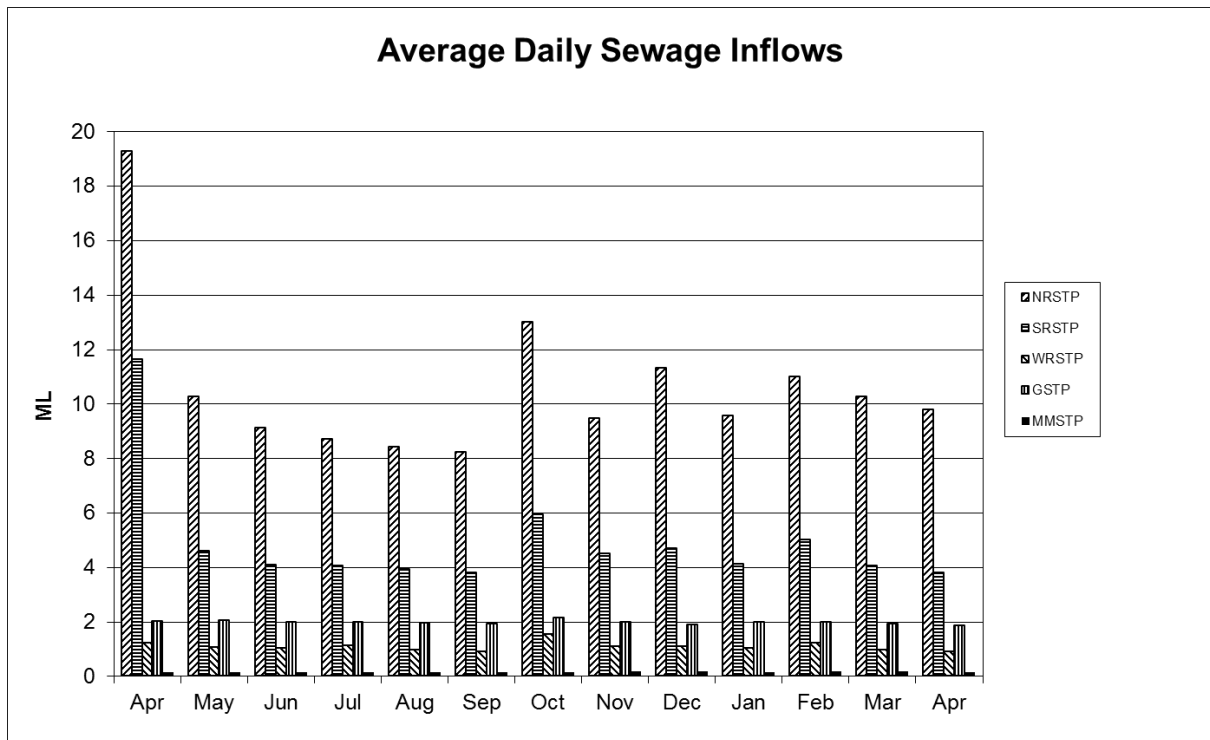


	Elevated Chlorine	Taste/Odour/Quality	Discoloured Water	Physical Appearance (e.g. residue or air)
No. Complaints			2	1

The total number of drinking water quality complaints (3 complaints) received during April was lower than the number of complaints received in March.

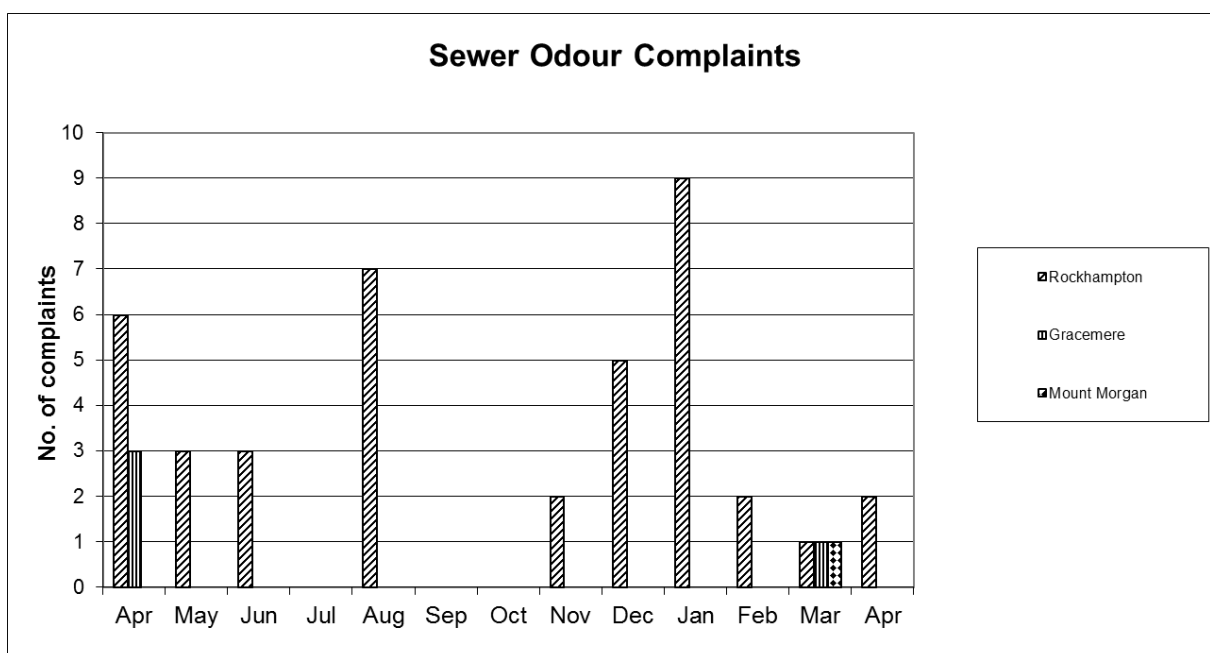
All complaints were received from customers in Rockhampton. Two of the complaints were associated with discoloured water and one complaint was due to the presence of air in the water. In each instance, FRW responded and the complaints were resolved by flushing the water mains to clear or refresh the water provided to the customer. Water quality testing was used as appropriate to confirm the return to normal high quality water.

Sewage Inflows to Treatment Plants



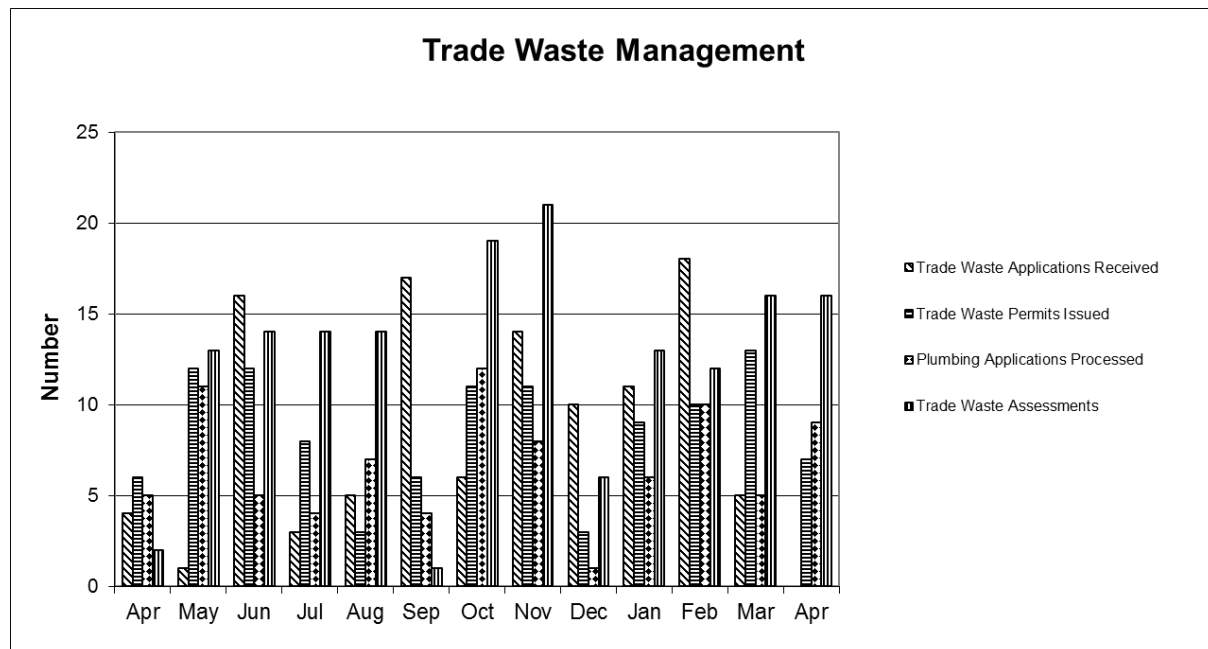
Average daily sewage inflows during April were generally lower at all STPs than those recorded in March and were lower than that recorded in the same period last year. The decreased inflows were due to the lack of any heavy rainfall and therefore minimal inflow and infiltration into the sewers during the month.

Sewer Odour Complaints



Two sewer odour complaints were received during the month of April with both complaints received from customers in Rockhampton. Each complaint was associated with parts of the sewerage network in Rockhampton with low sewage inflows and heavy fog thought to be contributing factors.

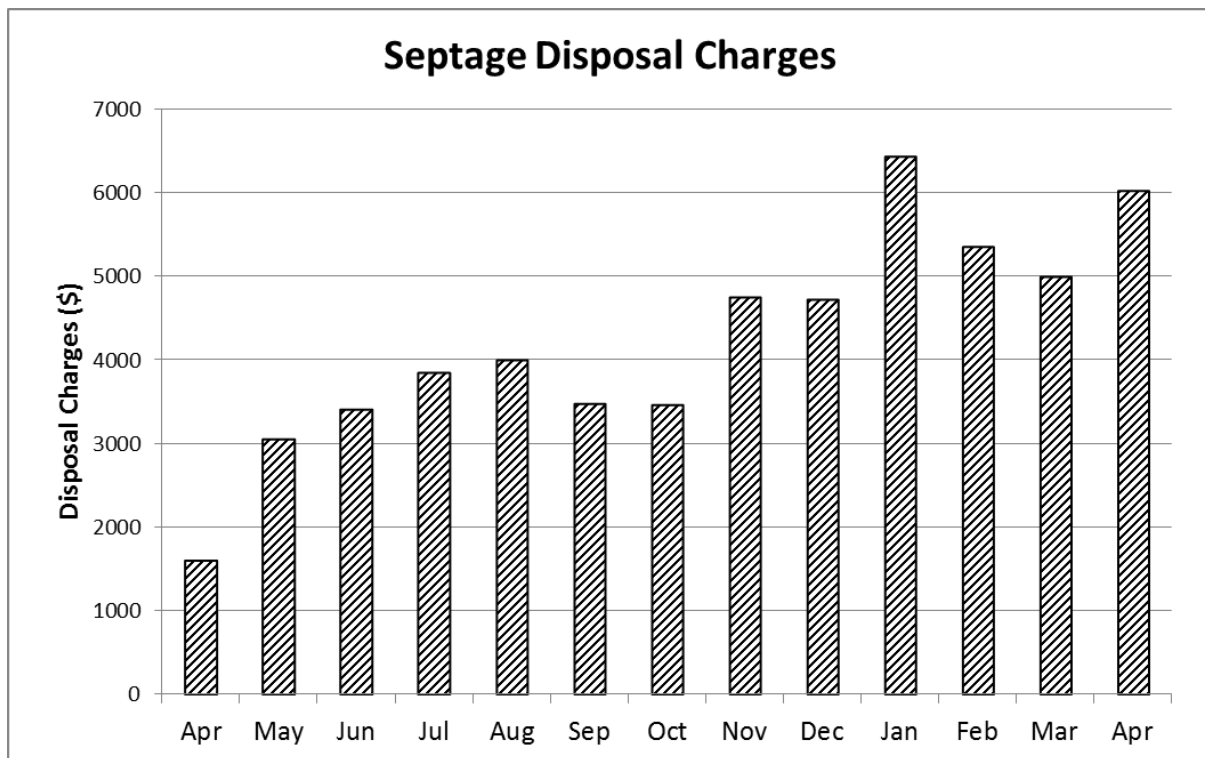
Trade Waste and Septage Management Activities



No Trade Waste applications were received and 7 Trade Waste permits were issued during the month of April. A total of nine Plumbing Applications were processed and another 16 Trade Waste assessments or inspections were completed by the team.

The table below shows those permits which contained a significant change either to their Category rating or due to the inclusion of a Special Condition in order to comply with Council’s Trade Waste Environmental Management Plan.

Industry/Trade	New or Renewal	Permit Category	Special Condition	Comments
Car dealership	Renewal	No change	Install an oil separator	N/A

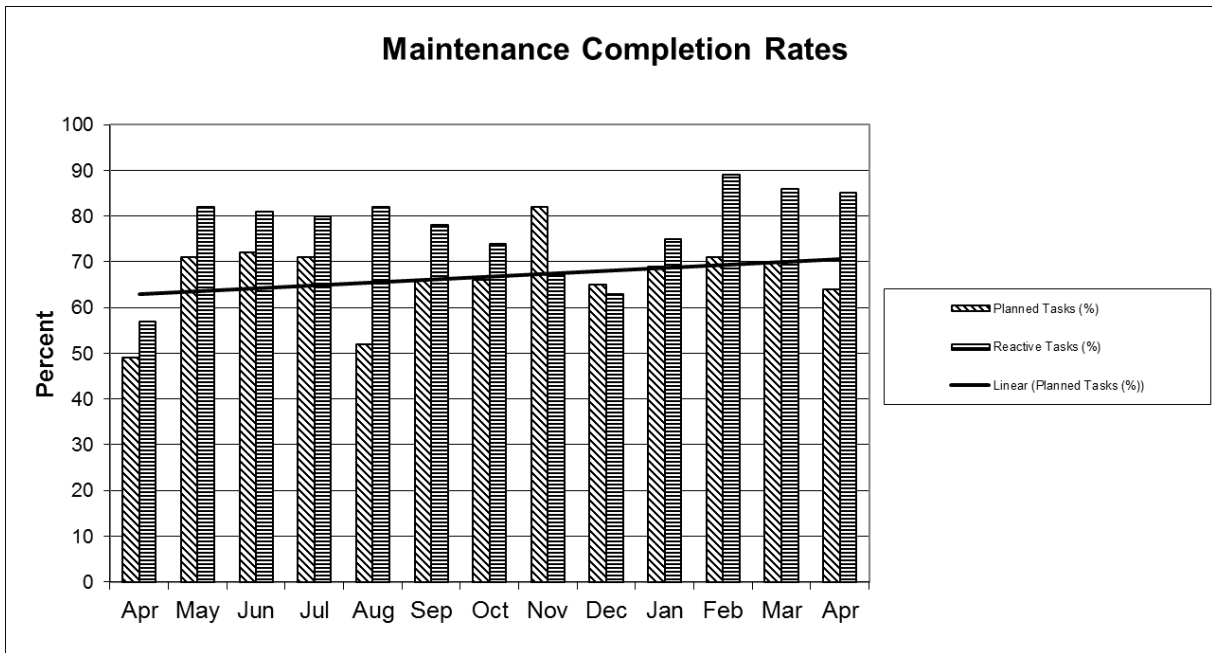


Revenue from the disposal of septage liquid waste at the North Rockhampton STP increased in April compared to March, with this amount of revenue much higher than the same period last year.

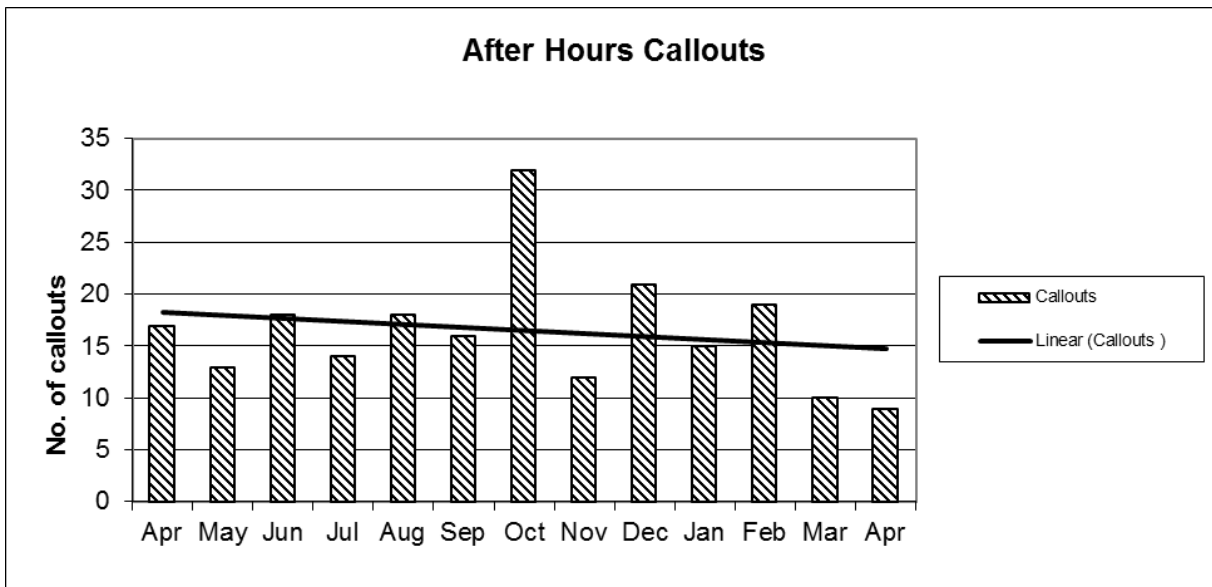
Treatment and Supply Maintenance Activities

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	63	79	56	N/A
Reactive	65	33	14	N/A
After hours callouts	3	3	0	3
Capital	3	3	2	N/A
Safety and Compliance	51	0	21	8



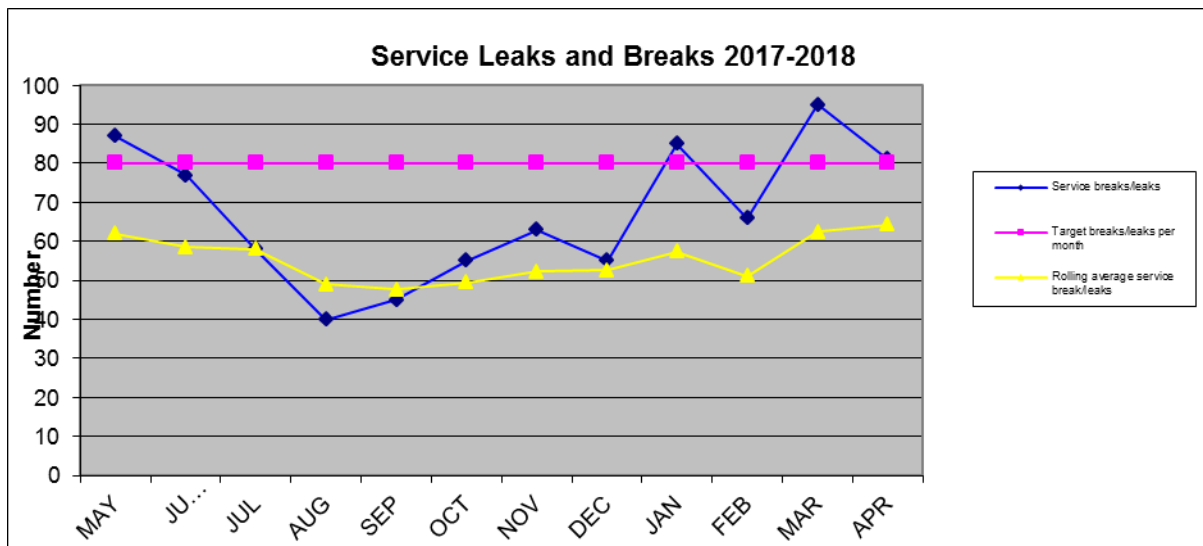
A total of 308 preventative maintenance activities were scheduled and 156 reactive maintenance activities were requested during the month of April. Completion rates for each type of maintenance activity by the end of the month were 64% and 85% respectively. The trend line shows long term continued improvement in the completion rate for planned maintenance tasks.



The number of after-hours callouts for electrical and mechanical reactive maintenance (9 call-outs) decreased during April compared to March. The number of callouts was lower than the 12 month rolling average of 19 call-outs per month. The long term trend line in the graph indicates the number of call-outs per month is decreasing. Months with high numbers of callouts are typically associated with periods of heavy rainfall. In the majority of cases, the faults were rectified within the targeted rectification time according to the Priority Ratings used to rank reactive maintenance events.

NETWORK

Regional Service Leaks and Breaks



Performance

Target not met but with a decrease in service breaks from previous months, large number of class 12 poly service failures continues to be an issue, continued failures of threaded poly sections installed during water meter installations. Replacement of all threaded poly sections within meter arrangements to be completed during reactive and planned capital water main/meter replacement programs.

Issues and Status

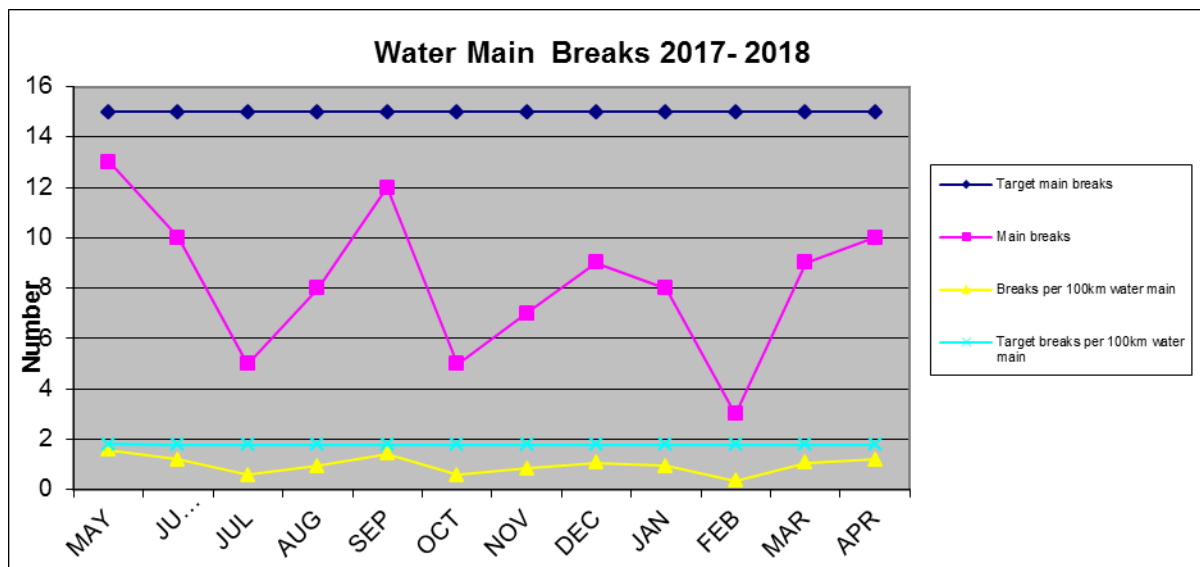
Maintenance records indicate a high percentage of service breaks and joint failures consistently occurring on older Class 12 poly services.

Response to Issues

Water services subject to repeated failures are being prioritised within the capital replacement program to minimise the risk of continued failures.

Locality	Service Leaks / Breaks
Rockhampton	73
Mount Morgan	8
Regional Total	81

Regional Water Main Breaks



Performance

Target achieved, slight increase in water main breaks in Rockhampton when compared to previous month. Overall trending decrease in water main failures as a result of the implementation of a strategic Capital Water Main Replacement Program continues.

Issues and Status

The following table shows the number of breaks per month.

Water Main Type	February 2018	March 2018	April 2018
Cast Iron	0	1	1
AC	1	5	3
PVC	2	3	4
GWI	0	0	1
Mild Steel	0	0	1
Copper	0	0	0
Poly	0	0	0
TOTAL	3	9	10

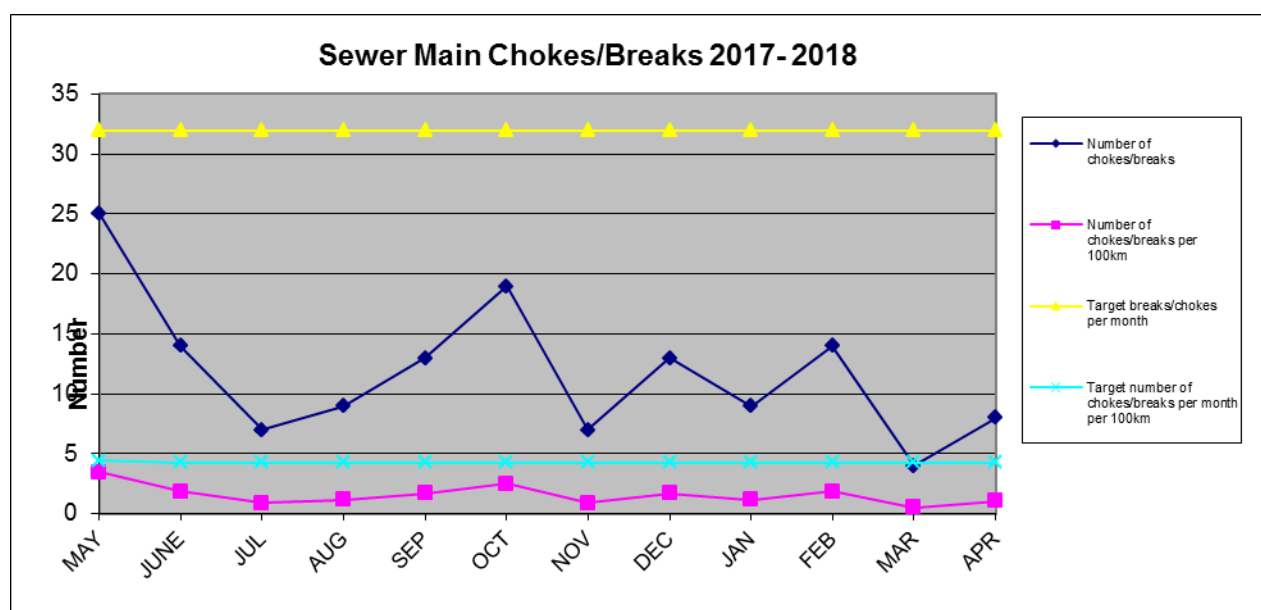
Response to Issues

Continued defect logging and pressure management will reduce failure occurrences. Water mains experiencing repeated failures are assessed for inclusion in annual Water Main Replacement capital program.

	Number of Main Breaks	Target Main Breaks	Breaks per 100 km	Target Breaks per 100 km	Rolling average per 100 km
April	10	15	1.18	1.78	0.90

Locality	Main Breaks
Rockhampton	10
Mount Morgan	0
Regional Total	10

Rockhampton Regional Sewer Main Chokes/Breaks



Performance

Target achieved, with a slight increase from previous months, it is evident that mainline sewer blockages are continuing to trend down in line with capital sewer refurbishment programs.

Issues and Status

Data indicates that a high percentage of blockages / overflows continue to be caused by defective pipes resulting in tree root intrusion.

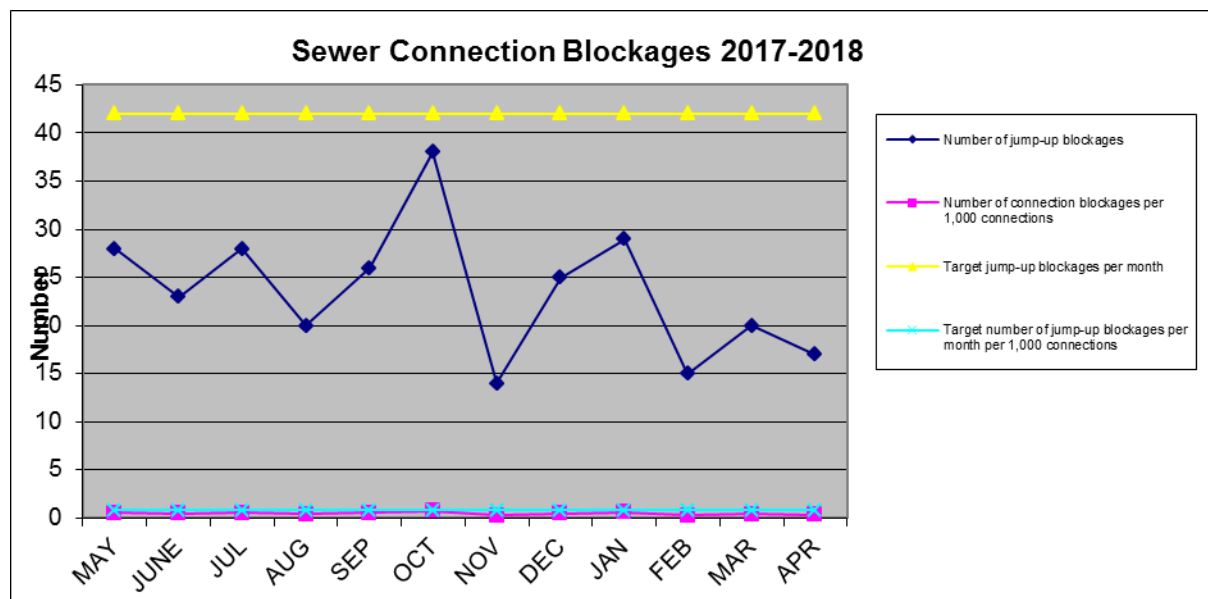
Response to Issues

Continue to log defects and monitor outcomes to ensure inclusion in the Capital Sewer Main Relining and rehabilitation programs.

	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	8	32	1.1	4.41	1.37

Locality	Surcharges	Mainline Blockages
Rockhampton	7	8
Mount Morgan	0	0
Regional Total	7	8

Rockhampton Regional Sewer Connection Blockages



Performance

Target achieved with a slight decrease in blockages when compared to previous months. Sewer connections repairs are prioritised for inclusion in current capital refurbishment programs in line with failure information. It is evident that sewer connection blockages are continuing to trend down in line with capital refurbishment programs.

Issues and Status

Data indicates blockages are been caused by broken pipes due to age, along with the resulting tree root intrusion.

Response to Issues

Continue to assess properties with repeat breaks and chokes for inclusion in the capital sewer refurbishment programs.

	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	Rolling 12 month average per 1,000 connections
April	17	42	0.33	0.81	0.45

Locality	Connection Blockages
Rockhampton	17
Mount Morgan	0
Regional Total	17

Sewer Rehabilitation Program

	Number completed	FY to date totals
Access Chambers raised/repaired	3	65
Sewers repaired	6	69

Inflow/Infiltration Program (North Rockhampton)

	Number completed	FY to date totals
Properties Inspected	1600	1600
Defects Identified	339	339
Defects Rectified	13	21

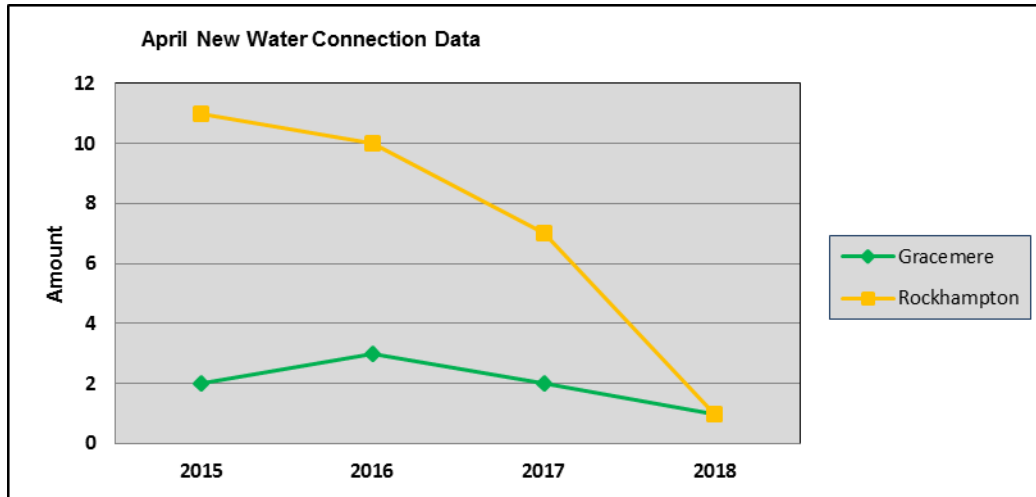
Private WorksNew Water Connections

Region	April 2018	FY to Date 2017/2018	FY to Date 2016/2017	FY to Date 2015/2016	FY to Date 2014/2015
Gracemere	1	37	57	49	51
Rockhampton	1	101	90	116	147
Mount Morgan	n/a	n/a	n/a	n/a	n/a
Regional Total	2	138	147	165	198

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

Region	April 2018	April 2017	April 2016	April 2015
Gracemere	1	2	3	2
Rockhampton	1	7	10	11
Mount Morgan	n/a	n/a	n/a	n/a
Total	2	9	13	13

New Connection Data



Details on Private Works Jobs

The table below shows the quantity of private works jobs quoted and accepted during the reporting period and year to date. Jobs include both water and sewerage.

	April	Amount	FYTD	FYTD Amount
Quotes Prepared	9	\$109,568.67	86	\$393,677.21
Quotes Accepted	6	\$14,157.20	65	\$214,215.43
Jobs Completed	3	\$20,001.17	71	\$298,232.48

Water Meters

Meter reads for the fourth quarter 2017/18 commenced on 11 April 2018. Sectors 1, 2 and 3 totaling 8,288 meters were read during the month. Approval was given for approximately 10,000 water accounts for sectors 10, 17, 18 and 1 to be forwarded to customers.

Sectors Read	1	2	3	Total
No. of Meters in Sector	2,300	3,557	2,431	8,288
No-Reads	6	6	0	12
% Of No-Reads	0.26%	0.16%	0%	0.14%

Special Water Meter Reads

Reading Type	No. of Reads	\$ Value
Water Account Search - Averaged Readings \$31 per read	64	\$1,984
Water Account Search - On-Site Readings \$158 per read	15	\$2,370
Total \$ Value for April		\$4,354
Total \$ Value Financial Year to Date		\$46,369

Building Over Sewers

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

Activity Summary

	April	FYTD
General Enquiries / BOS	11	85
Inspections	5	46
Meetings	6	45
Site Visits	15	132
Pre-Starts	1	15
Approval Permits Issued	1	21
Permits closed	2	19
Total	41	364

Building Over Sewer Applications under Assessment

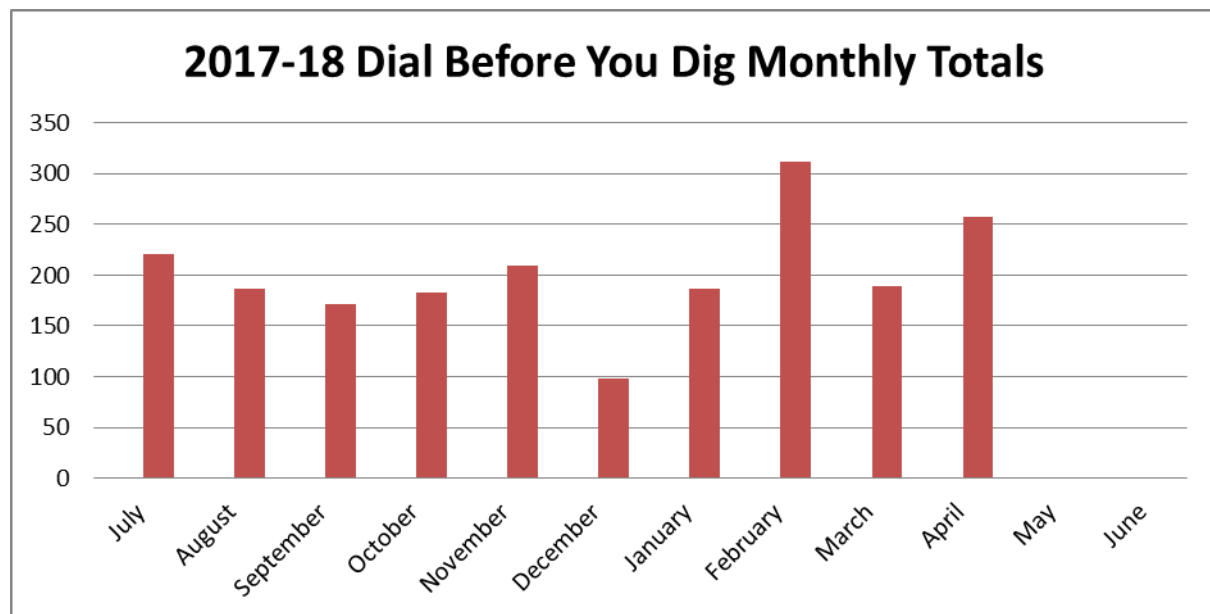
There are four permits currently under assessment as at 30 April 2018.

ADMINISTRATION

Dial Before You Dig (DBYD)

The average number of requests received per day for April 2018 was 8.57; this was an increase from 6.10 in March 2018.

	February 2018	March 2018	April 2018	FY 2017/18 Total
Requests Processed	312	189	257	2,013



Site Tours

There was one site tour booked for the Glenmore Water Treatment Plant however this did not proceed as the requestor cancelled prior to the tour date.

Rebates for Undetected Leaks

Issues have been identified with the report for the Undetected Leak rebates, data has been reviewed and updated and correct information is now provided below. Changes have been implemented to ensure this does not occur in future.

Undetected Leaks (Residential)

	April	FYTD
New requests	13	123
Number declined	3	28
Number approved	3	86
Require more information	1	7
Being held until next meter read	3	13
Total kL rebated	7,045	47,712
Total value approved	\$16,740.24	\$107,363.54

Undetected Leaks (Commercial)

	April	FYTD
New requests	0	5
Number declined	0	0
Number approved	0	3
Require more information	0	3
Being held until next meter read	0	1
Total kL rebated	108	1,493
Total value approved	\$191.80	\$2,778.47

Residential Rebates

	April	Total FYTD Applications	Total FYTD \$
Washing machines	32	268	\$26,800
Stand alone tank	0	2	\$500
Integrated tank	0	0	\$0
Dual flush toilet	0	4	\$200
Shower rose	0	0	\$0
Total	32	274	\$27,500

One application has been declined as they had previously claimed a rebate in 2014.

Communication and Education

Nil.

9 NOTICES OF MOTION

Nil

10 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.

11 CLOSED SESSION

In accordance with the provisions of section 275 of the *Local Government Regulation 2012*, a local government may resolve to close a meeting to the public to discuss confidential items, such that its Councillors or members consider it necessary to close the meeting.

RECOMMENDATION

THAT the meeting be closed to the public to discuss the following items, which are considered confidential in accordance with section 275 of the *Local Government Regulation 2012*, for the reasons indicated.

12.1 Mount Morgan Property Matter

This report is considered confidential in accordance with section 275(1)(h), of the *Local Government Regulation 2012*, as it contains information relating to other business for which a public discussion would be likely to prejudice the interests of the local government or someone else, or enable a person to gain a financial advantage.

12 CONFIDENTIAL REPORTS

12.1 MOUNT MORGAN PROPERTY MATTER

File No: 1466

Attachments:

1. **Streetview of Property**
2. **Inundation Maps**

Authorising Officer: Peter Kofod - General Manager Regional Services

Author: Jason Plumb - Manager Fitzroy River Water

This report is considered confidential in accordance with section 275(1)(h), of the *Local Government Regulation 2012*, as it contains information relating to other business for which a public discussion would be likely to prejudice the interests of the local government or someone else, or enable a person to gain a financial advantage.

SUMMARY

Council has been contacted by a property owner in Mount Morgan in relation to a matter associated with Fitzroy River Water's operations. This report summarises the details of this matter for Council's consideration.

13 CLOSURE OF MEETING