

SOUTH WAIRARAPA DISTRICT COUNCIL

17 MAY 2017

AGENDA ITEM D2

INFRASTRUCTURE AND SERVICES REPORT

Purpose of report

To update councillors on the Infrastructure and Services Group activities.

Recommendations

Officers recommend that the Council:

1. *Receive the Infrastructure and Services Report.*

1. Group Manager highlights

The last 6 weeks has involved the submissions being received on the Wellington Region Waste Management and Minimisation Plan (WRWMMP) and the review of the tenders submitted for the Solid Waste contract. As these both will be long term arrangements and in conjunction with the 3 Wairarapa councils the deliberations have been detailed and are continuing.

Likewise the Strategic Business case for the Wairarapa Roding network has been done jointly with the three Wairarapa councils. This assessment outlines the strategic context and the case for investment for Masterton/Carterton and South Wairarapa District Council's transportation activity. It also provides the necessary framework for the Transport Activity Management Plan (AMP), a ten year plan designed to prioritise and address key transportation issues and how they might be actively managed.

The DLTP (District Land Transport Plan) 2018 must contribute to the purpose of the LTMA which seeks, 'an effective, efficient and safe land transport system in the public interest.' It is also required to be consistent with the Government Policy Statement (GPS) on land transport, and with Regional LTP

The strategic case:

- Outlines the strategic context and regional fit for proposed investment;
- Identifies the key problems and rationale for investing; and
- Discusses the potential investment benefits.

The position of Roading Engineer has also been advertised and we are currently reviewing applicants.

2. Water supply

SERVICE LEVEL – Council provides reliable and safe drinking water supplies. Water provided is safe to drink and there is adequate water for urban firefighting.

2.1 Key Performance Indicators

WATER SUPPLY KEY PERFORMANCE INDICATORS	TARGET 2016/17	COMPLAINTS		INCIDENTS	
		MARCH	YTD	MARCH	YTD
The average consumption of drinking water per day per resident within the territorial authority	<400 Lt		341		
Compliance with resource consent conditions/water permit conditions to “mainly complying” or better	95%				
Water supply systems comply with Ministry of Health Bacteriological Drinking Water Standards guidelines 2000*	95%		99.6%		
Water supply systems comply with Ministry of Health Protozoa Drinking Water Standards guidelines 2000	95%		99.9%		
The total number of complaints received by the local authority about drinking water taste per 1000 connections	<15	0 per1000 (0 complaint)	0 per1000 (0 complaint)	0	0
The total number of complaints received by the local authority about drinking water odour per 1000 connections	<15	0 per1000 (0 complaint)	0.29 per1000 (1 complaint)	0	1
The total number of complaints received by the local authority about drinking water pressure of flow per 1000 connections	<15	0.29 per1000 (1 complaint)	2.01 per1000 (7 complaint)	1	7
The total number of complaints received by the local authority about continuity of supply per 1000 connections	<15	0.29 per1000 (1 complaint)	9.78 per1000 (34 complaint)	1	34
The total number of complaints received by the local authority about drinking water clarity per 1000 connections	<15	0.29 per1000 (1 complaint)	2.01 per1000 (7 complaint)	1	7
Ratepayers and residents satisfied with level of service for water	75%				
Attendance for urgent call-outs: from the time that the local authority receives notification to the time that service personnel reach the site	< 1 Hr	(1/2) 50%	-	2	58
Resolution of urgent call-outs: from the time that the local authority receives notification to the time that service personnel confirm resolution of the fault or interruption	< 8 Hrs	(3/3) 100%	-	2	58
Attendance for non-urgent call-outs: from the time that the local authority receives notification to the time that service personnel reach the site	< 2 working days	(25/37) (68%)	-	37	266
Resolution of non-urgent call-outs: from the time that the local authority receives notification to the time that service personnel confirm	< 5 working days	(32/37) (86%)	-	37	266
Fire hydrants tested annually that meet NZ Fire Service Code of Practice	20%	40%	40%		
The % of real water loss from the local authority's networked reticulation system identified by establishing and measuring night flow	<20%		45.5%		

2.2 Water supply capital improvements

2.2.1. Featherston water supply

Stage 2, the treatment improvement works, have now been completed with testing of the UV and pH correction equipment commenced. The commissioning/proving period will follow. After one month of routine operation (beginning mid-May) Council will advise the Ministry of Health

(MoH) that the project has been completed and is operating as intended. The balance of the subsidy available will then be claimed. Total project costs are not able to be confirmed as yet but expected to be in range \$1.35 - \$1.4M.

2.2.2. Water reticulation renewal

The tender for trunk pipeline renewal works for the Greytown urban supply in Woodside Road by Core Infrastructure Ltd is almost complete.

The project scheduled within the 2016/17 renewals programme requires replacement of 3 kilometres of 300 mm diameter asbestos cement pipe-line that is deemed to be nearing the end of its useful service life (constructed in the 1970's). It is the second part of a three part rolling programme aimed at achieving full replacement of the trunk main in the 2017/18 year.

Work has progressed satisfactorily with some 100% of the pipeline laid to date with connection of laterals to follow. We have experienced some difficulty with overhanging trees near the start of the works and associated private owner concerns.

Not wishing to compromise the preferred alignment in this location a section of some 90 metres in length will be replaced using trenchless technology at an additional estimated cost of about \$30K thereby mitigating potential tree and tree root damage. This technology will not be deployed until Stage 3, 2017/18 where the railway crossing at Woodside will be managed in the same way.

This work is expected to be completed by mid-May 2017.

2.4 Water treatment plants

The Waiohine and Martinborough plants operated routinely over the period with some replacement of equipment. The new WTP with UV disinfection is installed and the commissioning period will run through May.

2.5 Water reticulation

There were 22 reticulation repairs reported and rectified during the period.

2.6 Water races

Routine monthly inspections and blockage clearing of the water race network has been performed by City Care Ltd (CCL) to maintain satisfactory flows. There were 3 accounts for blockage clearing or no water flow for the Moroa network. None were reported for the Longwood network over the period.

3. Waste water

SERVICE LEVEL – Council provides waste water services that effectively collect and dispose of waste water. Waste water does not create any smells, spill or health issues and causes minimal impact on the natural environment.

3.1 Key Performance Indicators

WASTE WATER KEY PERFORMANCE INDICATORS	TARGET 2016/17	COMPLAINTS		INCIDENTS	
		MARCH	YTD	MARCH	YTD
Number of blockages per 1000 connections	<10	0	8.46 per1000 (34 complaint)	4	34
Ratepayers and residents satisfaction with waste water services	70%	Annual survey	Annual survey	Annual survey	Annual survey
Number of dry weather sewerage overflows per 1000 connections	<10	-	-	0 per 1000 connections (0 overflow)	0 per 1000 connections (0 overflow)
Attendance time: from notification to arrival on site	< 1 Hr	-	-	1/1 (100%)	42
Resolution time: from notification to resolution of fault	< 4 Hrs	-	-	1/1 (100%)	41
% of resource consent conditions complied with to mainly complying or better*	90%				
No. of abatement notices	<2				0
No. of infringement notices	0				0
No. of enforcement notices	0				0
No. of convictions	0				
No. of complaints per 1000 connections received about sewage odour	< 15	0	0.99 per 1000 (4 complaint)	0	4
No. of complaints per 1000 connections received about sewage systems faults	< 15	0.2 per 1000 (1 complaint)	0.99 per 1000 (4 complaint)	1	4
No. of complaints per 1000 connections received about sewage system blockages	< 15	0	8.46 per1000 (34 complaint)	0	34
No. of complaints per 1000 connections received about the response to issues with sewage	< 15	0	0	0	0
Proportion of urgent waste water service requests responded to within 6 hours of notification	95%	4/5 80%	-	4/5 (80%)	90% (37/41)

3.2 Waste water treatment plants

3.2.1. Capital and consents

Featherston waste water consent application

The consent application was lodged on 28 February 2017. Greater Wellington Regional Council (GWRC) has responded on the 19 April with an s92 request for information. This is currently being prepared by the consultants and is expected to be completed by the end of May.

The meeting on Saturday 8 April with previous submitters, adjoining landowners, the Featherston Community Board (invite emailed to chair on 24th March) and other interested parties updated attendees on the updated consent and the process involved for them to make a submission when it is publically notified.

Staged improvements at Martinborough and Greytown WWTPs

Improvement works at the Martinborough site have commenced and the irrigator has been constructed. The original civil works design has been changed to progress the project with round precast elements already existing rather than a bespoke solution, as it there would have been an unacceptable delay. Realistically full completion of this phase cannot be

expected until July/ August meeting the consent requirement of no later than November 2017 but later than we had anticipated.

Preliminary design works for the proposed improvements at the Greytown site have been completed with a number of minor matters to be resolved.

Procurement of the Stage 1B improvements will likely follow a ROI and RFP/ Design Build procurement process with start aimed in May 2018.

New aerators have been ordered for Greytown, which are in transit from the United States. These have arrived in NZ and the aerators will be in place by June, to assist with the treatment of the sludge and the planned desludging programme. The sludge bioremediation programme is planned to commence in July. Our application to Waste Minimisation Fund was denied.

3.2.2. Operational

Featherston, Greytown, Martinborough and Lake Ferry plants operated routinely during the period with no reported issues.

3.2.3. Wastewater reticulation

There were 2 pipeline blockages reported during the period.

4. Storm water drainage

SERVICE LEVEL – Stormwater drains are well operated and maintained by the Council.

4.1 Key Performance Indicators

STORM WATER DRAINAGE KEY PERFORMANCE INDICATORS	TARGET 2016/17	COMPLAINTS		INCIDENTS	
		MONTH	YTD	MONTH	YTD
% of ratepayers and residents satisfied with stormwater drains	54%	Annual survey	Annual survey	Annual survey	Annual survey
% of urgent (any blockage causing extensive flooding of buildings or other serious flooding) requests for service responded to within 5 hours	95%	0	0	0	0
No. of flooding events	0	0	0	0	0
No. of habitable floors affected per flooding event per 1000 properties connected	0	0	0	0	0
No. of abatements notices	0				
No. of infringement notices	0				
No. of enforcement notices	0				
No. of convictions	0				
Median Response time to flooding events (Notification to personnel reaching site in hrs)	3	-	-	0	0
No. of complaints about stormwater per 1000 properties connected	0	0	0	0	0

There has been some localised flooding of gardens in Watt Street, Featherston due to the intense rainfall event on April.

5. Solid waste management

SERVICE LEVEL – Recycling stations are accessible and maintained. Refuse and recycling collection services are provided and waste minimisation actively promoted.

5.1 Key Performance Indicators

SOLID WASTE MANAGEMENT KEY PERFORMANCE INDICATORS	TARGET 2016/17	COMPLAINTS		INCIDENTS	
		MONTH	YTD	MONTH	YTD
Number of communities with recycling centres	6		6		
Volume of waste disposed out of district	Decreasing by 2.5%	Decreased by 16% for October	Previous 12 month increased 5.8% on 2014	-	-
% of ratepayers and residents satisfied with the level of service	80%	Annual survey	Annual survey	Annual survey	Annual survey

5.2 Waste management

Routine services have been delivered successfully over the period. The recycling centres operated satisfactorily.

5.3 Kerbside and associated services (Combined Contract MDC, CDC and SWDC 2017-2022)

Tenders for the combined waste services contract closed on 29 March 2017 and further information may be available at the meeting.

6. Land transport

SERVICE LEVEL – Roads are maintained to ensure they are safe and comfortable to travel on. Footpaths can be safely used to get around town.

6.1 Key Performance Indicators

LAND TRANSPORT KEY PERFORMANCE INDICATORS	TARGET 2016/17	COMPLAINTS		INCIDENTS	
		MARCH	YTD	MARCH	YTD
Using the RAMM measurement system, average smooth travel exposure on urban roads to be 85% and rural roads 95% with maximum variation of 5%	95%				
Ratepayers and residents fairly/very satisfied with the roads	78				
5% of sealed roads are resealed each year subject to availability of NZTA subsidy	100%				
The pavement condition index as measured by the NZTA pavement integrity index	95%				
The number of crashes causing injuries is reduced	Group and control average				
The number of fatalities and serious injury crashes on the local road network	<7				
Ratepayers and residents are satisfied with footpaths in the district	68%				
Availability of footpaths on at least one side of the road down the whole street	87%				
Footpath Condition rating 95% compliant with SWDC AMP Standard	95%				
The % of customer service requests relating to roads and footpaths responded to within 48 hours	95%	26/32 (81%)	231/293 (81%)	32	293
Meet annual plan footpath targets	Yes				

6.2 Roothing maintenance – Fulton Hogan

FH activities were concentrated on environmental activities in the Hinakura area with high cut completed on Hinakura, Bush Gully and Pahaoa Roads. This was complimented with water table cleaning on Pahaoa and Glendryneoch Roads.

The sealing of the culvert at Papawai was completed.

Footpath repairs were carried out in Kempton Street, Greytown and Princess Street in Martinborough.

Heavy maintenance metalling was completed in Underhill Rd.

Drainage Maintenance was completed on Underhill Rd.

The 'Gluepot' Te Awaiti Rd is being closely monitored and has been topped up with road metal as and when required.

The footpath and run up inspections have started in Martinborough and Greytown has been completed. Featherston was programmed to finish in this month.

6.3 Other activity

Due to IFS Forest Operations harvesting a private forestry block along Haurangi Road, Ruakokoputuna there has been increased monitoring and maintenance work schedule in this area. Specialised engineering opinion was sought to assess bridge/s along this route and their capacity to carry overweight vehicles. IFS are programmed to be harvesting this block for three years. SWDC officer/s has liaised with IFS and residents to put communication lines in place in order to keep the road at an acceptable driving condition during this period.

Service requests in this area have slowed this month following water table and road shaping work by SWDC contractors. With the wet weather approaching this area will continue to be monitored.



Figure 6.3a Ruakokopatuna Forestry site entrance 1



Figure 6.3b Bridge, Ruakokopatuna required structural assessment

7. Amenities

The Amenities team is responsible for the management of council's parks, reserves and other amenities. The team looks after 12 parks, 31 reserves, 41 buildings, five sports facilities, four cemeteries, seven public toilets and 22 other properties. The Amenities Manager is the contract manager for the City Care parks and reserves contract, and also for the management of the libraries.

SERVICE LEVEL – Parks and reserves enhance the quality of life in our communities. Our playgrounds are safe and enjoyed by the community. Clean safe public swimming pools can be accessed in the District. Provision of some low cost housing for the elderly (or in line with Council policy) in each town. Well maintained hall facilities that are available for the public to book. Public toilets are convenient, clean and safe. There is a wide range of library stock including up to date material.

7.1 Key Performance Indicators

AMENITIES KEY PERFORMANCE INDICATORS	TARGET 2016/17	COMPLAINTS		INCIDENTS	
		MONTH	YTD	MONTH	YTD
Users satisfied with parks and reserves	90%				
Ratepayers and residents are satisfied with Council playgrounds	80%				
Council playground equipment that meets national standards	100%				
Council pools comply with NZ swimming pool water testing standards	100%				
Ratepayers and residents satisfaction with Council swimming pools	65%				
Occupancy of pensioner housing	99.8%				
Ratepayers and residents satisfied with town halls	74%				
Cycle strategy	Developed				
Ratepayers and residents satisfied with public toilet facilities	90%				
Taking programmes out into the community and providing a wide variety of programmes in the library	>3 per library				
% of ratepayers and residents satisfied with libraries	90%				

7.2 Parks and Reserves

Winter sports codes are underway on the sports fields in all the towns. Bollards have been put across the road frontage of Collier Reserve in Greytown to prevent people from doing wheelies on the grass. Someone also got a vehicle onto Considine Park to do wheelies by driving onto the walking path at the Kitchener Street end – bollards have now been added to limit access to pedestrians and cyclists only. In Featherston, a number of trees around Clifford Square reserve (Windgrass triangle, skate park and playground) have been trimmed to keep branches away from the power lines.

7.3 Community housing

There have been no changes on the waiting lists from last report. There are five people waiting for flats at Martinborough, two at Greytown and twelve at Featherston.

The six monthly flat inspections at Westhaven flats were held on 12 April 2017.

The Residential Tenancies (Smoke Alarms and Insulation) Regulations 2016 requires landlords to have the right type of smoke alarms installed in residential tenancies. Insulation will be compulsory in all rental homes from 1 July 2019 – ceiling and underfloor insulation must be installed, where it is reasonably practicable to install. Wall insulation is not compulsory.

All smoke alarms in the community housing have been checked and any that did not have the long-life photoelectric smoke alarms with a battery life of at least eight years that meet the required product standards have been replaced.

Both landlords and tenants now have responsibilities to keep smoke alarms working.

An insulation programme was carried out for SWDC's community housing in 2011/12, and all units have ceiling insulation. The majority of units are constructed on concrete slabs, so there is no requirement for under-floor insulation.

7.4 Rental properties

A number of SWDC's rental properties are also affected by the Residential Tenancies (Smoke Alarms and Insulation) Regulations 2016, as these properties include residential accommodation. We are working through these to ensure compliance with the regulations.

7.5 Cemeteries

7.5.1. Purchases of burial plots/niches 24 March 2017 to 3 May 2017

	Greytown	Featherston	Martinborough
Niche		1	
In-ground ashes Beam			
Burial plot		4	2
Total	0	5	2

7.5.2. Ashes interments/burials 24 March 2017 to 3 May 2017

	Greytown	Featherston	Martinborough
Burial		2	2
Ashes in-ground		1	
Ashes wall		1	1
Total	0	4	3

7.6 Swimming pools

The three swimming pools have been winterised, and planning is underway for maintenance work to be carried out over winter. At Featherston pool, part of the solar heating system pipework is to be removed from the roof of the Rugby Club building. The roof of this building has been leaking, and while part of the problem may have been caused by blocked guttering, there is evidence that leaks from the solar heating system have contributed to damage. Council is assisting the Rugby Club with the roof repairs. The solar heating system will be assessed to determine the impact of removing this section of pipework, and if it is found to be necessary, we will install new solar pipe on the roof of the grandstand before the start of the 2017/18 season.

7.7 Events

7.7.1. Featherston

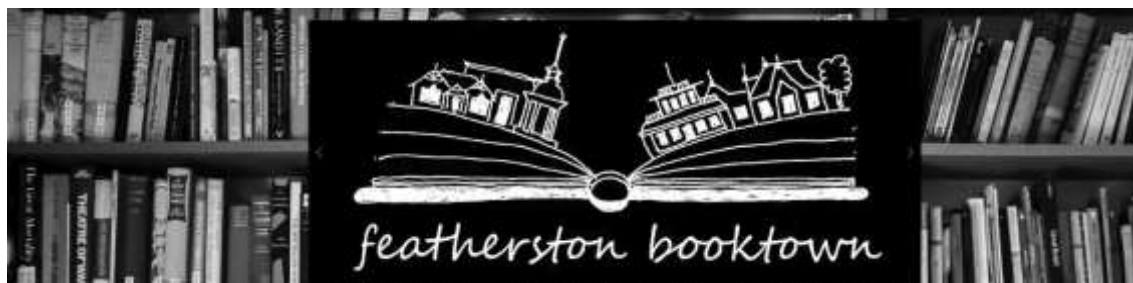
Completed events:

Ride the Rail (Cross Creek Railway Society Inc) is being held every Sunday through to the last Sunday in April 2017 (Clifford Square, Featherston)

Ron Hughes Memorial Athletics Meet which was to be held Sunday, 25 March 2017 (Card Reserve, Featherston) was CANCELLED, and will now take place next season.

Future events:

Featherston Booktown 2017 is being held from Friday, 12 May to Sunday, 14 May 2017



7.7.2. Greytown

Completed events:

Greytown Country Market at Stella Bull Park – Sunday, 18 December 2016, 15 January 2017, 19 February, 19 March and 16 April 2017 – this is the end of the season until October 2017



Wairarapa Balloon Society Inc – Park to Paddock Challenge – Soldiers Memorial Park, Saturday, 15 April 2017



Future events:

7.7.3. Martinborough

Completed events:

Wairarapa Balloon Society Inc – Meander Over Martinborough – Soldiers Memorial Park, Saturday, 15 April 2017



Appendices

Appendix 1 Monthly water usage

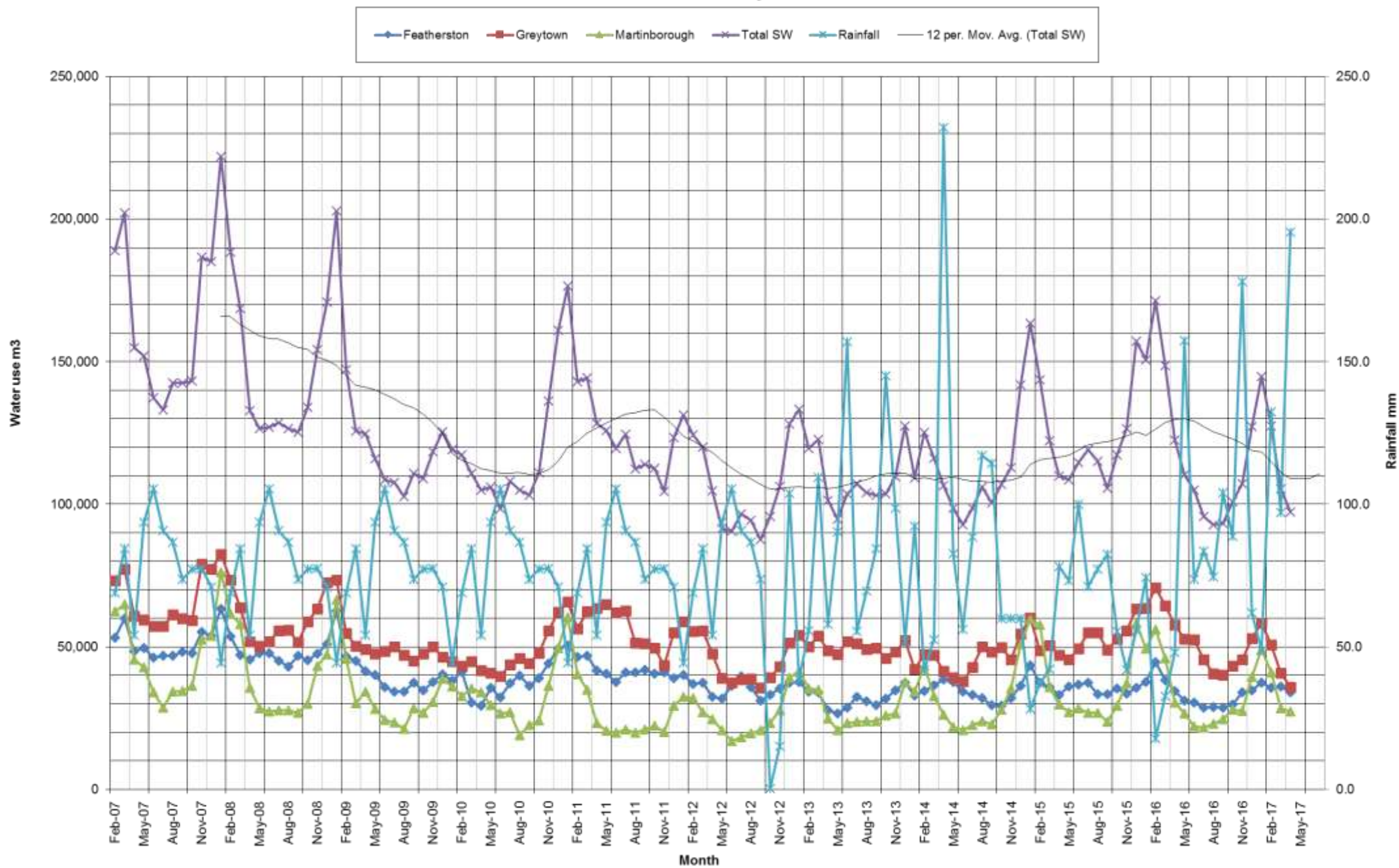
Appendix 2 Waste exported to Bonny Glen

Appendix 3 Library statistics

Contact Officer: Mark Allingham, Group Manager Infrastructure and Services

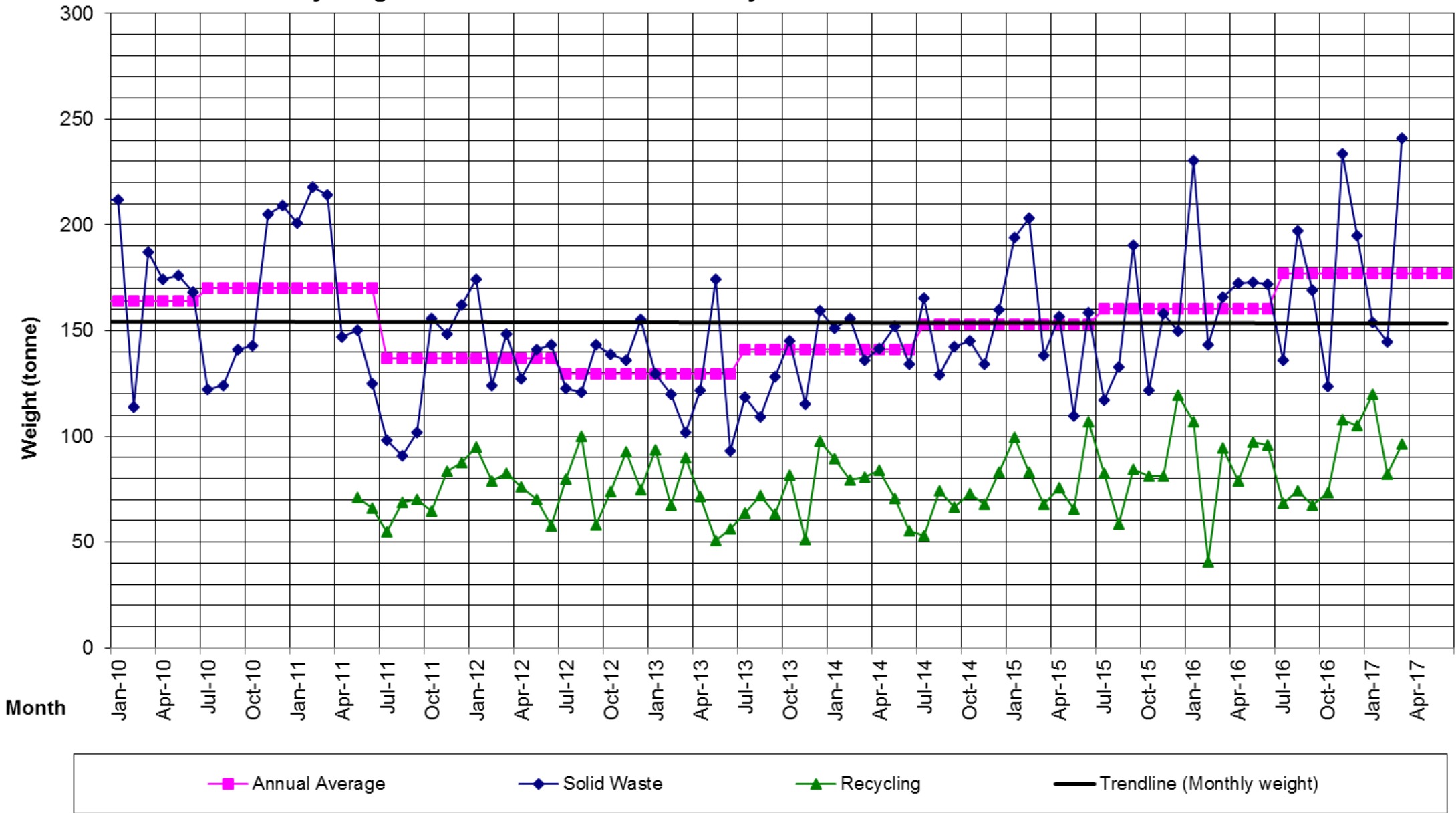
Appendix 1 - Monthly water usage

Water use South Wairarapa District Council



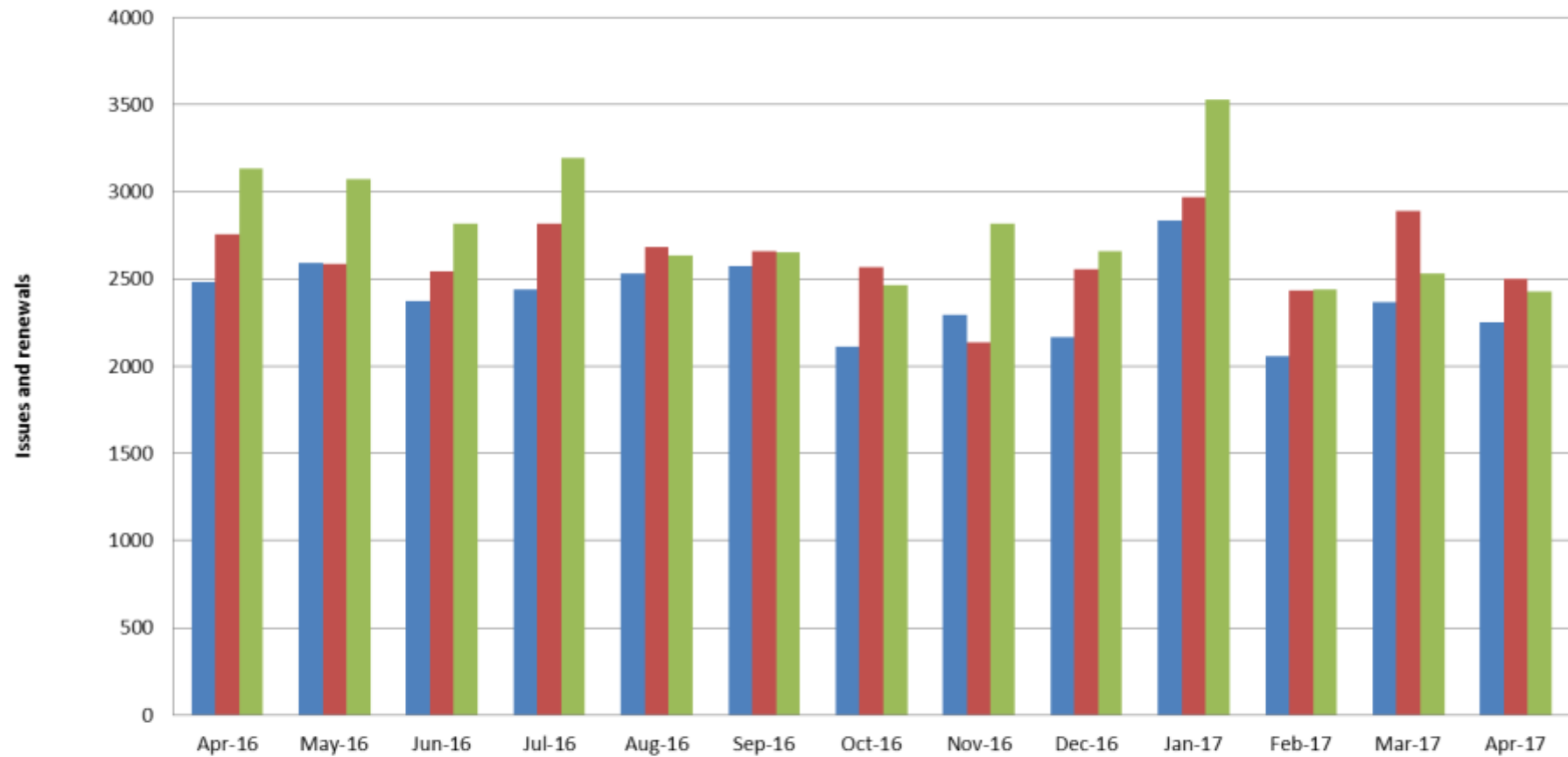
Appendix 2 -Waste exported to Bonny Glen

Monthly weight of waste transferred to Bonny Glen



Appendix 3 – Library statistics

South Wairarapa libraries - issues and renewals to April 2017



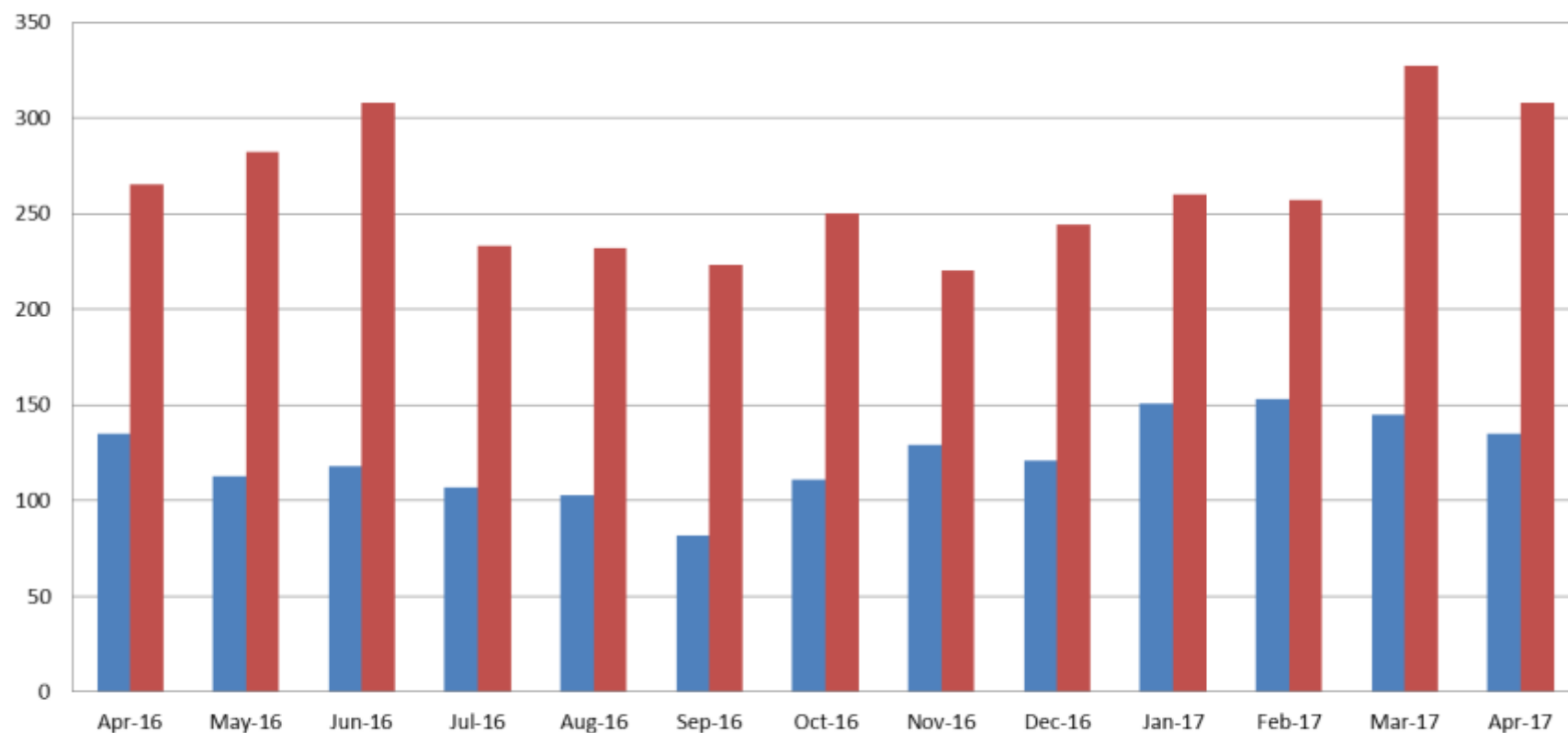
	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17
■ Featherston	2482	2591	2375	2440	2533	2574	2113	2296	2167	2836	2057	2369	2254
■ Greytown	2757	2588	2543	2820	2684	2659	2567	2136	2556	2967	2432	2888	2503
■ Martinborough	3134	3074	2820	3197	2635	2654	2467	2819	2661	3526	2442	2529	2427

Wairarapa Library Service - issues and renewals to April 2017



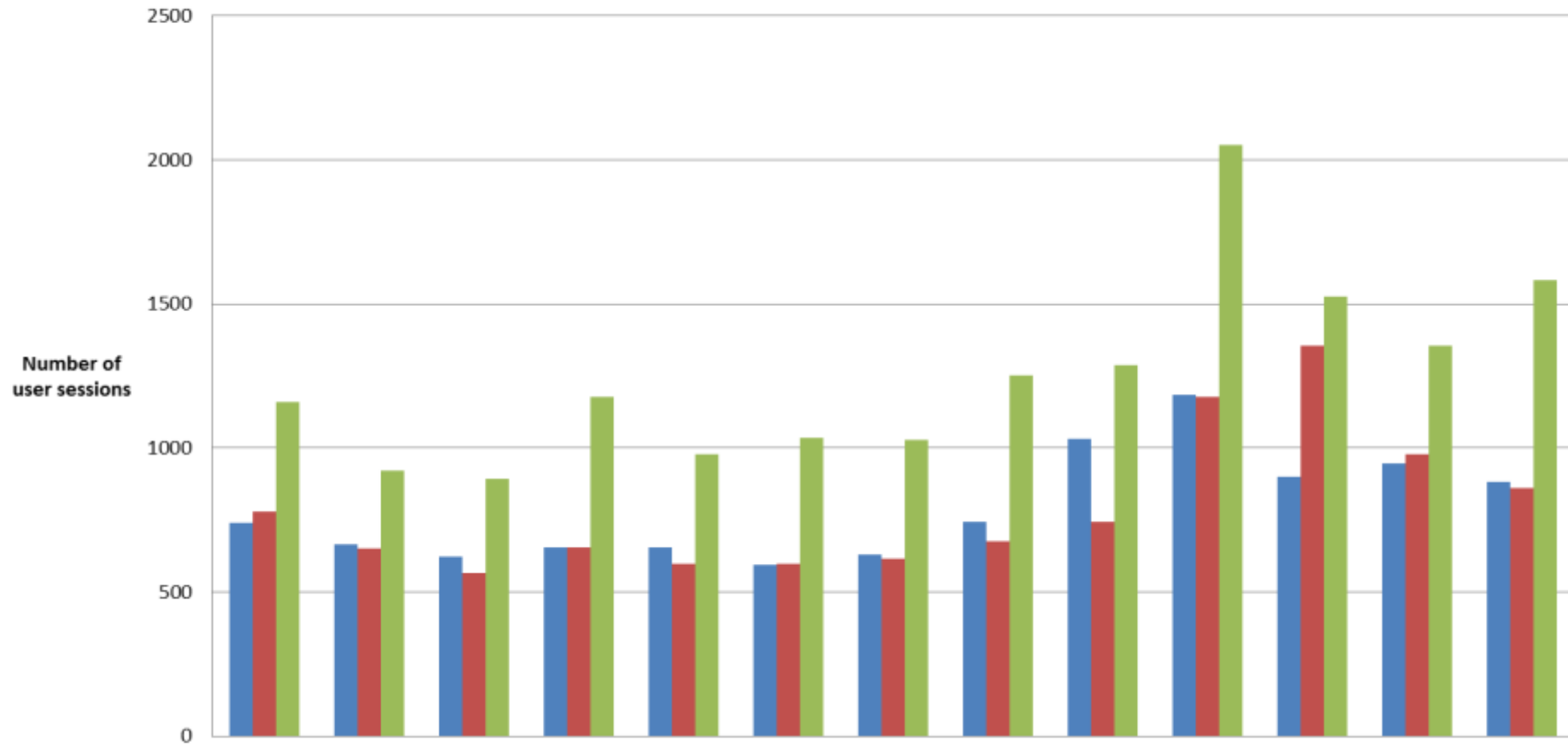
	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17
Carterton	4948	4752	4730	5444	5733	5126	4698	4629	4586	6051	4468	4972	4951
South Wairarapa	8373	8253	7738	8457	7852	7887	7147	7251	7384	9329	6931	7786	7184

Wairarapa Library Service - audio and e-book issues to April 2017



	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17
■ Audiobooks	135	113	118	107	103	82	111	129	121	151	153	145	135
■ E-books	265	282	308	233	232	223	250	220	244	260	257	327	308

APNK Wi-fi user sessions to April 2017



	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17
■ Featherston	738	666	621	655	653	593	628	745	1030	1183	900	945	882
■ Greytown	779	651	567	653	599	597	617	675	745	1177	1354	979	861
■ Martinborough	1159	920	894	1177	977	1036	1026	1251	1288	2050	1524	1356	1581

