



# Agenda

**Notice is hereby given of  
a District Infrastructure Committee Meeting**

**Tuesday 19 November 2019**

To follow Environmental Services and Finance  
Committee meeting

Council Chamber  
Waimate District Council  
125 Queen Street  
Waimate

[www.waimatedc.govt.nz](http://www.waimatedc.govt.nz)

**Notice is hereby given that a meeting of the District Infrastructure Committee will be held in the Council Chamber, Waimate District Council, 125 Queen Street, Waimate, on Tuesday 19 November 2019, To follow Environmental Services and Finance Committee meeting.**

### **Committee Membership**

Miriam Morton	Chairperson
Sheila Paul	Deputy Chairperson
Craig Rowley	Mayor
Sharyn Cain	Deputy Mayor
Fabia Fox	Councillor
Sandy McAlwee	Councillor
Tom O'Connor	Councillor
David Owen	Councillor
Colin Pankhurst	Councillor

Quorum – no less than five members

### **Significance Consideration**

Evaluation: Council officers, in preparing these reports have had regard to Council's Significance and Engagement Policy. Council and Committee members will make the final assessment on whether the subject under consideration is to be regarded as being significant or not. Unless Council or Committee explicitly determines that the subject under consideration is to be deemed significant then the subject will be deemed as not being significant.

### **Decision Making**

The Council, in considering each matter, must be:

- i. Satisfied that it has sufficient information about the practicable options and their benefits, costs and impacts, bearing in mind the significance of the decision;
- ii. Satisfied that it knows enough about and will give adequate consideration to the views and preferences of affected and interested parties bearing in mind the significance of the decisions to be made.

Stuart Duncan  
Chief Executive

## Order Of Business

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## OPENING

### 1 PUBLIC FORUM

There is no Public Forum at this meeting.

### 2 APOLOGIES

### 3 VISITORS

### 4 CONFLICTS OF INTEREST

As per the Local Authorities (Members' Interests) Act 1968 (as below), the Chair will enquire if there are any Conflicts of Interest to be declared on any item on the agenda, and if so, for any member to declare this interest.

**Local Authorities (Members' Interests) Act 1968**

Councillors are reminded that if they have a pecuniary interest in any item on the agenda, then they must declare this interest and refrain from discussing or voting on this item and are advised to withdraw from the meeting table.

### 5 IDENTIFICATION OF MAJOR (URGENT) OR MINOR ITEMS NOT ON THE AGENDA

1. The Chair will call for any major (urgent business) or minor items not on the agenda to be raised according to Standing Orders, as below:

- a. **Standing Orders 3.7.5 – Major Items**

An item not on the agenda for a meeting may be dealt with at the meeting if the local authority by resolution so decides, and the presiding member explains at the meeting at a time when it is open to the public –

- i. The reason why the item was not listed on the agenda; and
    - ii. The reason why discussion of the item cannot be delayed until a subsequent meeting.

- b. **Standing Orders 3.7.6 – Minor Items**

An item not on the agenda for a meeting may be dealt with at the meeting if –

- i. That item is a minor matter relating to the general business of the local authority; and
    - ii. The presiding member explains at the beginning of the meeting, at a time when it is open to the public, that the item will be discussed at the meeting; but
    - iii. No resolution, decision, or recommendation may be made in respect of that item except to refer that item to a subsequent meeting of the local authority for further discussion.

## REPORTS

### 6 ASSET GROUP REPORT

#### 6.1 MANAGEMENT REPORT - 3 WATERS AND SOLID WASTE

**Author:** Paul Roberts, Water and Waste Manager

**Authoriser:** Dan Mitchell, Asset Group Manager

**Attachments:** 1. Project Report - Water and Waste [↓](#) 

#### PURPOSE

1. To update the District Infrastructure Committee on 3 Waters and Solid Waste activities.

#### CANTERBURY WATER MANAGEMENT STRATEGY

2. On the 16 September 2019, the Operations Forum agreed to oversee the development of a regional work programme to support the implementation of the Canterbury Water Management Strategy Goals and specifically the work emerging from the Fit for Future Project.
3. The Fit for Future Working Group had its inaugural meeting on 31 October 2019. The purpose of the group was established and each territorial authority has now been tasked with reviewing the target areas, their respective actions, whether these are new or existing work streams, the agencies that lead and support the proposal, what actions are currently occurring and most importantly what could occur and how it might be funded. The latter is a Long Term Plan consideration.
4. Effectively the initial works are a “stocktake” exercise performed by each territorial authority and is far reaching for each organisation, touching on areas such as water supply, district plan requirements, ecological values, drylands, wetlands etc.
5. It is anticipated that once this document has been populated that elected members will have an opportunity to review the content and provide feedback. A second working group meeting is scheduled for 4 December 2019 to consider the draft advice developed to support the delivery of the 2025 Goals.

#### STORM WATER

6. The proposed stormwater and wastewater infrastructure upgrades for Queen Street continue to progress. Additional service location information has been collated to inform design and to ensure ease of installation.
7. Some intrusive works are proposed in order to provide information on both ground materials and also to provide an opportunity to temporarily repair a section of known failure. This work was delayed as to prevent issues associated with the Waimate 50 event at the end of October.

#### URBAN WATER

##### Manchester's Bore

8. ARC Projects are progressing with the construction of the new Manchester Bore Treatment Plant.
9. The main treatment plant building, balance tank, chlorine shed and bore apron have been constructed and or put in place.
10. ARC Project's sub-contractors have started the installation of planned treatment processes and controls. This includes a medium pressure Ultra Violet (UV) reactor and controls, a

booster pump (with facility for a second pump to act as a duty standby setup), electrical control cabinet, instrumentation for monitoring and control, telemetry (SCADA).

11. The planned completion date of 20 November has been extended by three days to allow for days lost by rain. The new completion date will be Monday 25 November 2019.
12. The new plant will achieve compliance with the Health (Drinking Water) Amendment Act 2019 and the Drinking Water Standards of New Zealand 2008 (revised 2018).







*Construction and installation of the new Manchester Bore Treatment Plant*

### **Urban Water Mains Renewal**

13. Work is well under way for Contract 19/22 Exeter Street to Timaru Road Water Main Renewal.
14. Ian Leathwick Contracting Ltd took site possession on 11 October 2019. 100mm uPVC main has been laid on Oxford Street from Timaru Road to Augustine Street and on Churchill Place (with a 63mm OD polyethylene rider main to “ring-main” in order to reduce dead ends and the requirement to flush the 100mm main).



*Installation of new 100mm PVC water main on Churchill Place*

15. All service laterals are being thrust across roads to avoid digging trenches in the carriageway. Thrusting prevents the need for perpendicular trenching across the carriageway that reduces reinstatement costs and, more importantly, risk associated with subsiding trenches.





*Thrusting of service laterals on Oxford Street*

#### **Waimate Urban Real Water Loss Percentage Reduction**

16. The recent Quarterly Performance Measure for the 2019/20 year, the Urban Real Water Loss monitoring calculation has showed a large drop in water loss from the last calculation at the end of 2018/19.
17. The last calculation for 2018/19 year had already dropped to 42% from 54.8% for the 2017/18 year. This time working out the calculation for this first quarter of 2019/20 (1 October 2018 to 30 September 2019) the percentage has dropped to 19.1%
18. Resultantly a sanity check was completed to confirm the results, which were confirmed as correct. However, it did highlight an error in the last Real Water Loss result in the Annual Performance Measure Report (missing a month's flow data from an extracted report from SCADA [date error]). The actual Real Water Loss for the 2018/19 year was 32.8%. Again sanity checks proved this to be correct as well which means the Performance Measure of <35% Real Water Loss was achieved for the 2018/19 year.
19. This amazing drop in water loss is attributed to the capital works renewal program to renew aged pipe assets, plus the repair of two leaks/failures, one on Herbert Street and the other on Exeter Street.
20. The night time flow rates known as "Minimum Night Flows" (MNF), which are flows from midnight to 3 am, have now dropped to 8.2 litres per second (L/sec). This is the lowest it has been since the requirement to measure Real Water Loss for Performance Measure.

<b>Date &amp; Time</b>	<b>L/sec Minimum Night Flows (MNF) 00:00 to 03:00 AM</b>
09/08/2015 01:00	11.5
01/07/2016 01:00	12.5
05/07/2017 01:32	12.3
21/05/2019 02:25	9.9
18/10/2019 02:20	8.2

21. These results emphasise the importance of the Capital Works Pipe Renewal program, in the Waimate Urban area, and district. Furthermore, demand management is one of the focus areas in the Canterbury Water Management Strategy and has been highlighted in the work programme.

### **Chlorination of Waitangi Camp Grounds at the Lakes**

22. The Utilities' team have been assisting Parks and Reserves in the installation of a chlorine disinfection unit at Waitangi Camp Ground at the Lakes. The new unit was installed at the beginning of October and is functioning well.
23. A recent chlorine monitoring sample was taken on the 1 November, which showed good residual of free available chlorine (FAC) at the dose point (reservoir) and at a tap just inside the Western section of Waitangi camp grounds (0.53 mg/L of FAC).
24. The addition of chlorine disinfection at the Waitangi Camp Grounds is a positive for the greater public health of those who go to this region to enjoy camping, boating, fishing and just getting away from the busyness of life.
25. Further upgrade is required to provide online monitoring for the site, which will ensure that staff can react to issues as and when they arise. This is a similar approach to that used on most water schemes in the district. Te Akatarawa Camp will receive a similar upgrade in the coming months.

### **WASTE WATER TREATMENT PLANT**

26. Functioning well.

### **SOLID WASTE**

#### **Section 17A Review of Waste Services / Procurement**

27. Registration of Interest (ROI) was released early September 2019 and a Waste services - Supplier Presentation with site visits was held 17 and 18 October 2019.
28. The presentation was held at Timaru District Council and chaired by Morrison Low who led and programmed the day. The three Councils, Timaru, Mackenzie and Waimate District Councils were represented by their Asset Group Managers and Solid Waste Managers.
29. At the initial presentation each council provided an overview of their current systems and expectations for future service improvements. Later there one on one meetings with the interested Contractors.
30. There were also site visits to Redruth, Waimate Resource Recovery Park and Twizel Resource Recovery Parks/Centres, which were well attended.
31. The two presentation days were successful, with interest from local, regional and national contractors.
32. Morrison Low will take feedback from the presentation and continue to work with the three Councils, to start forming a Request for Tenders (RFT) document. It is important to note that only those who have registered interest and attended can apply for the RFT and tender for the Contract Waste Service bundles.
33. Waimate District Council will require a slightly more complex RFT document as a number of service delivery options will be entertained.
34. The Special Consultative Procedure (as defined in the Local Government Act 2002) will be utilised to inform the public of what service delivery options are available, alongside Councils preferred option.

## Recycling Information Fridge Magnets

35. To encourage good recycling and keep the Waimate District residents informed of what is and is not recyclable, an information fridge magnet has been produced. The fridge magnet was sent out in the post with the rates invoices on the 25 November 2019. The cost total cost to produce and send out was \$1700 excluding GST. Additional magnets will be made available to those who chose to receive rates demands by email.



*Waimate District Council recycling information fridge magnet*

36. There has been some confusion about what is recyclable, as some containers state they are recyclable. This includes some cardboard fruit and milk containers that are constructed multiple materials i.e. foiled lining, wax coatings (to seal container) and plastic cap/pourer. Often there are either no facilities to recycle the material or markets for the recycled product in the country. In some cases the cost to collect and recycle certain recyclables makes it unprofitable. Soft Plastics is one of those materials (i.e. bread bags, and other plastic wrapping on foods and goods).
37. We also want to encourage clean recycling, as those companies that do process the current recyclable materials will not accept contaminated recycling. Contaminated recycling cannot

be recycled and ends up in landfill. Last year (2018/19), 183 tonnes of contaminated recycling went to landfill.

### Waste Compactor Installation

38. The compactor bins are now physically completed and are scheduled for painting at the end of November 2019.

## REQUESTS FOR ACTION

### On Hold Requests

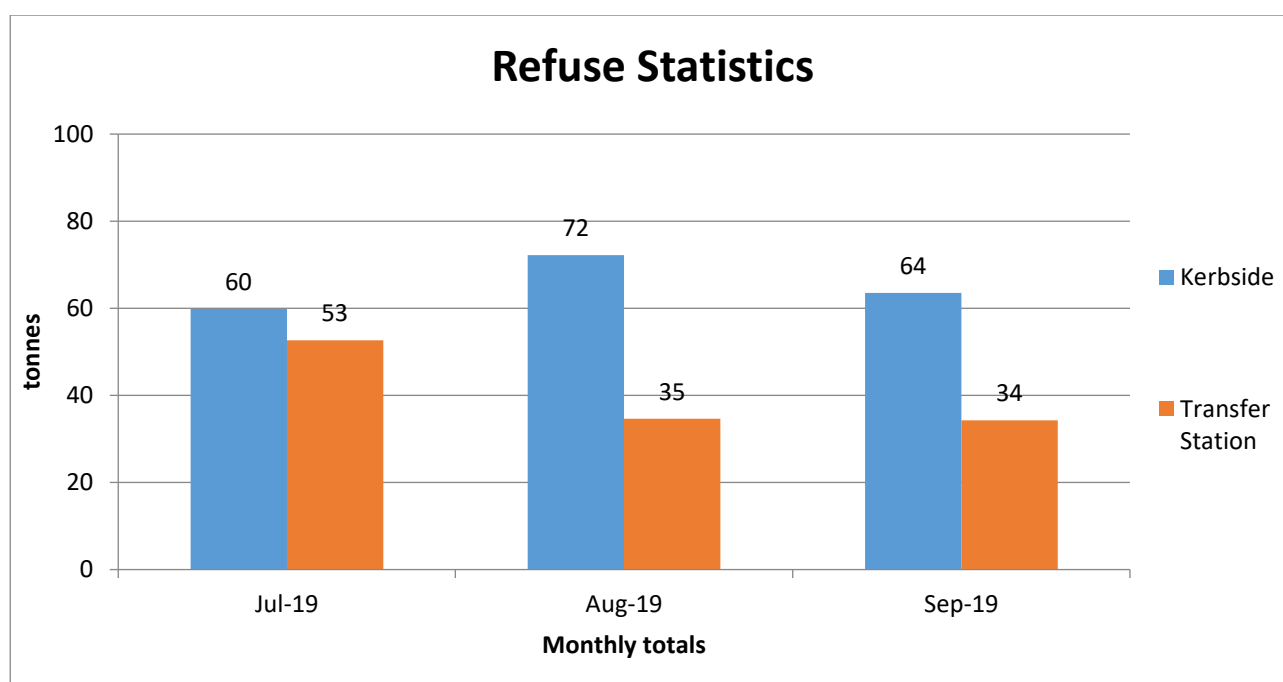
Meeting	Date	Officer	Title	Target
District Infrastructure Committee	26/01/2016	Paul Roberts	Workshop discussion on recycling and the reintroduction of a container deposit system <b>On hold</b>	Early 2018/19
<b>Notes</b> We await feedback on the consultation regarding product stewardship. Date placed on hold by the District Infrastructure Committee: 1 May 2018				

Meeting	Date	Officer	Title	Target
District Infrastructure Committee	08/03/2018	Paul Roberts	Hakataramea recycling depot <b>On hold</b>	Early 2018/19
<b>Notes</b> Subject to consultation. Date placed on hold by the District Infrastructure Committee: 1 May 2018				

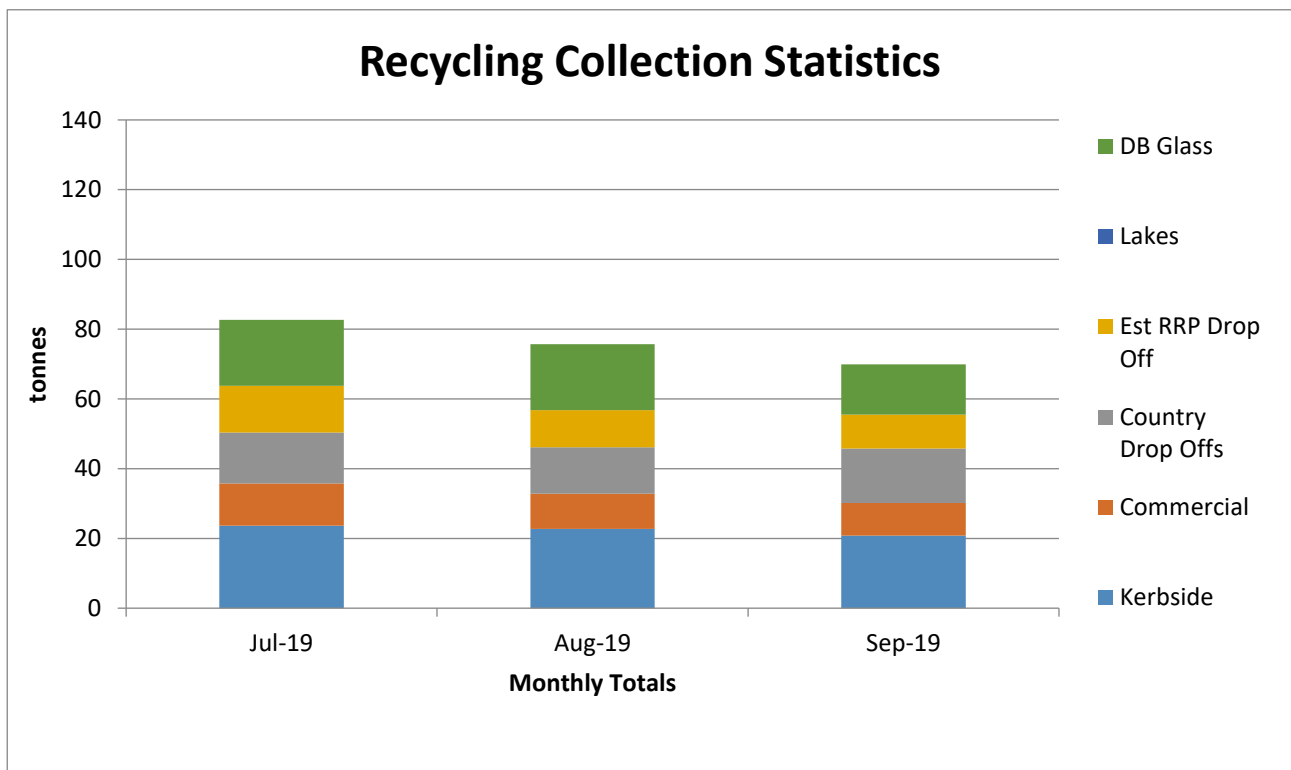
## MONTHLY REFUSE and RECYCLING STSTISTICS

39. These statistics represent the first Quarter of the 2019/20 financial year.

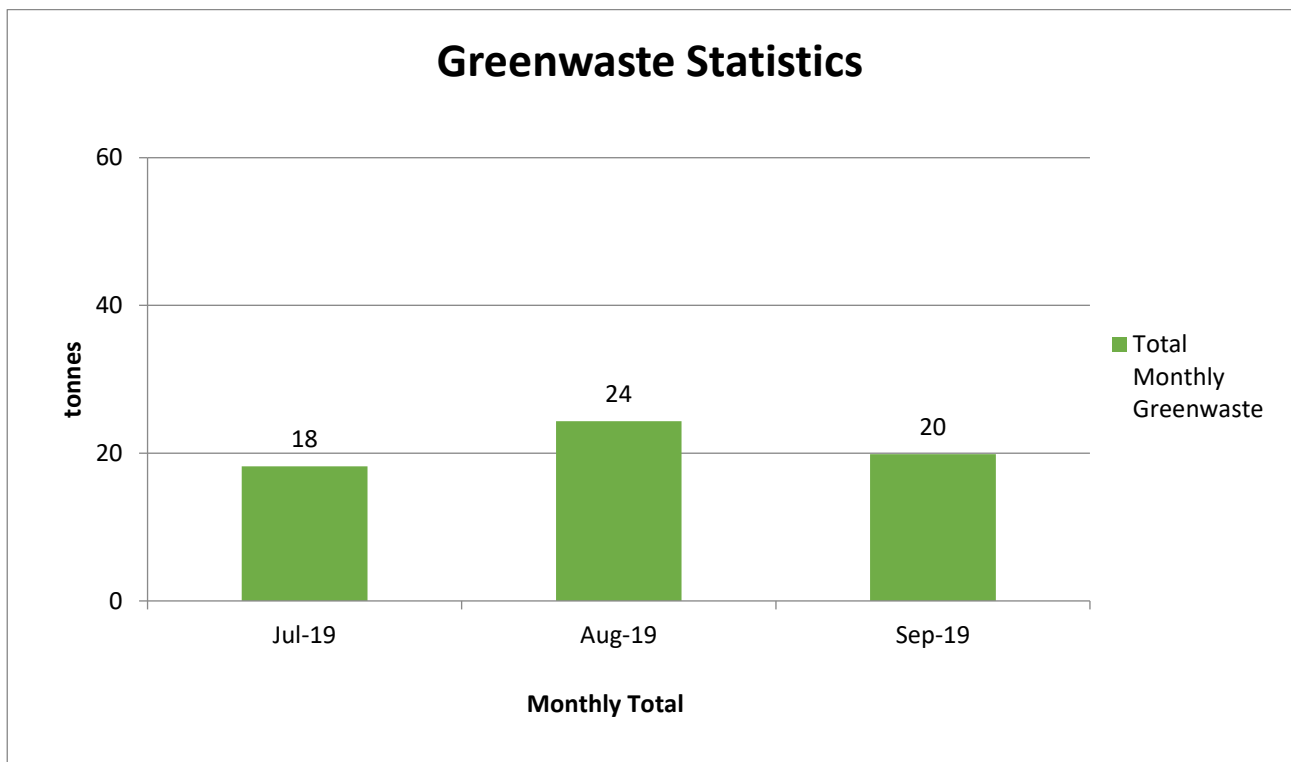
*Graph 1: Refuse statistics*



Graph 2: Recycling collection statistics

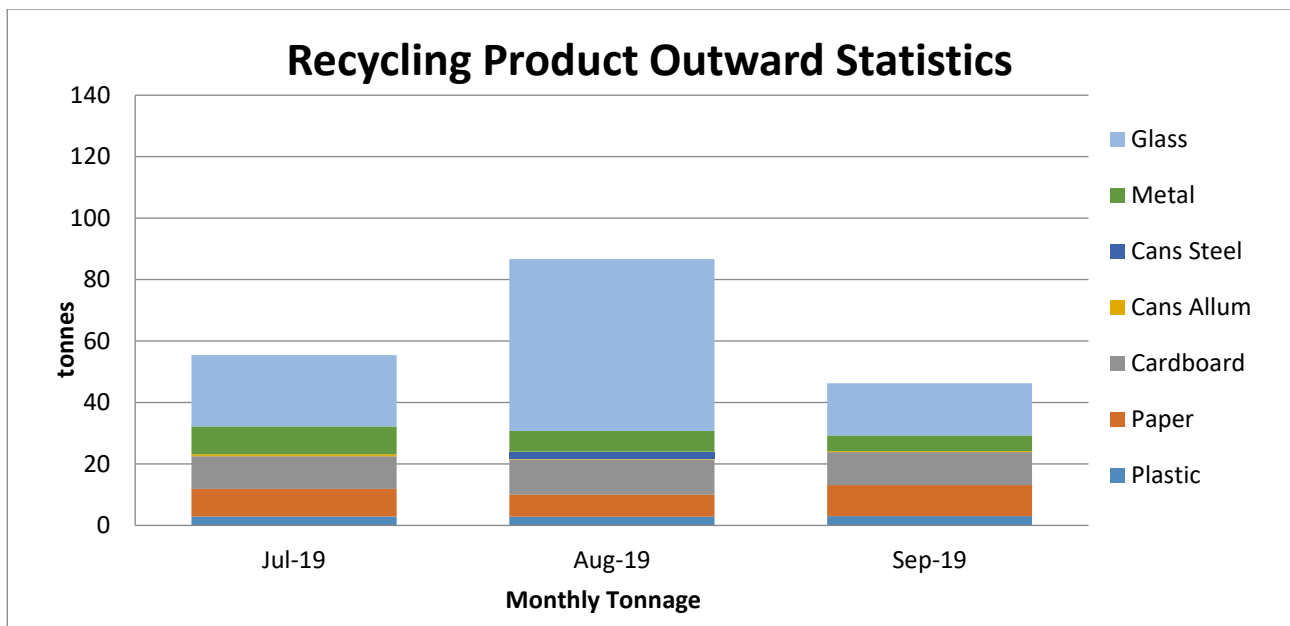


Graph 3: Greenwaste statistics





Graph 4: Recycling product outward statistics



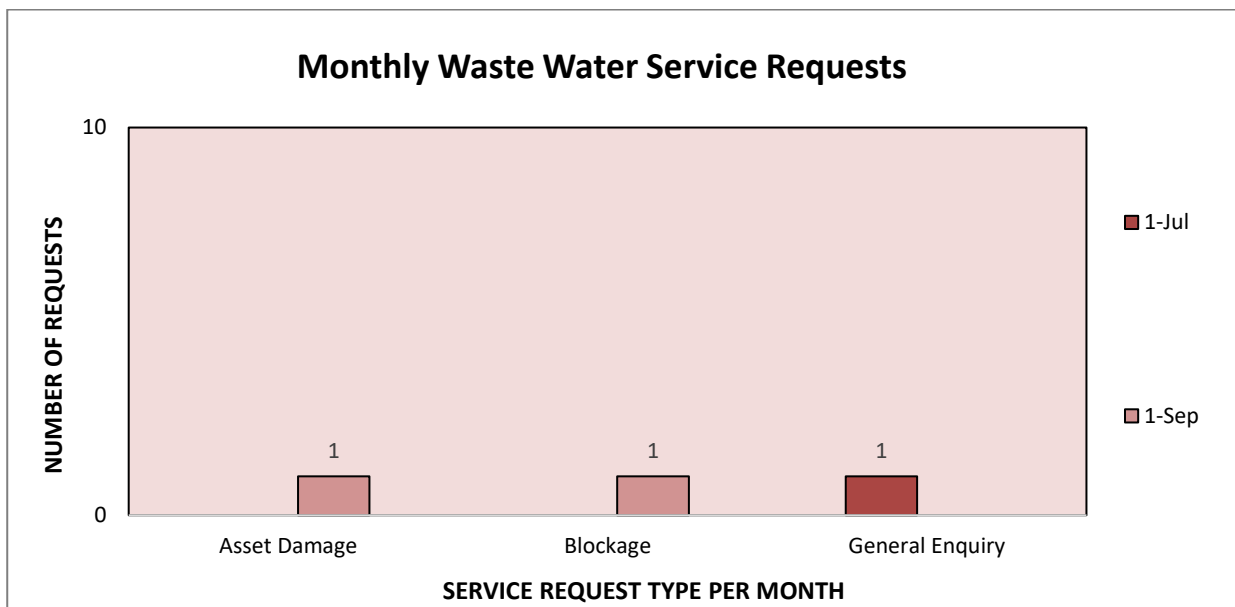
## SERVICE REQUESTS

40. These statistics represent the first Quarter of the 2019/20 financial year.

### Wastewater Service Requests

41. Wastewater Service Requests reported over 56.6km (including estimate of laterals) of sewer pipe network infrastructure and 1769 active connections.

Graph 5: Comparison with previous Wastewater Service Request monthly reporting periods



### Stormwater Service Requests

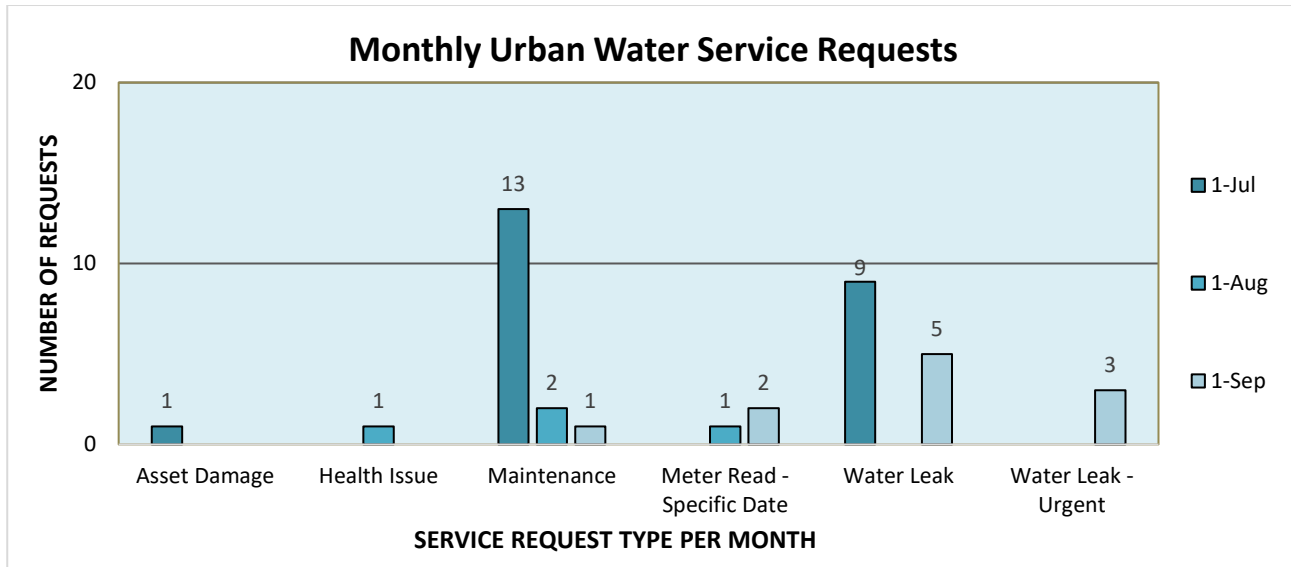
42. Stormwater Service Requests reported over 13.3km of stormwater network infrastructure and 1769 connections.

43. There were no Stormwater Service Requests in the last three months.

### Urban Water Service Requests

44. Urban Water Service Requests reported over 82.7km of pipe network infrastructure and 1952 connections.

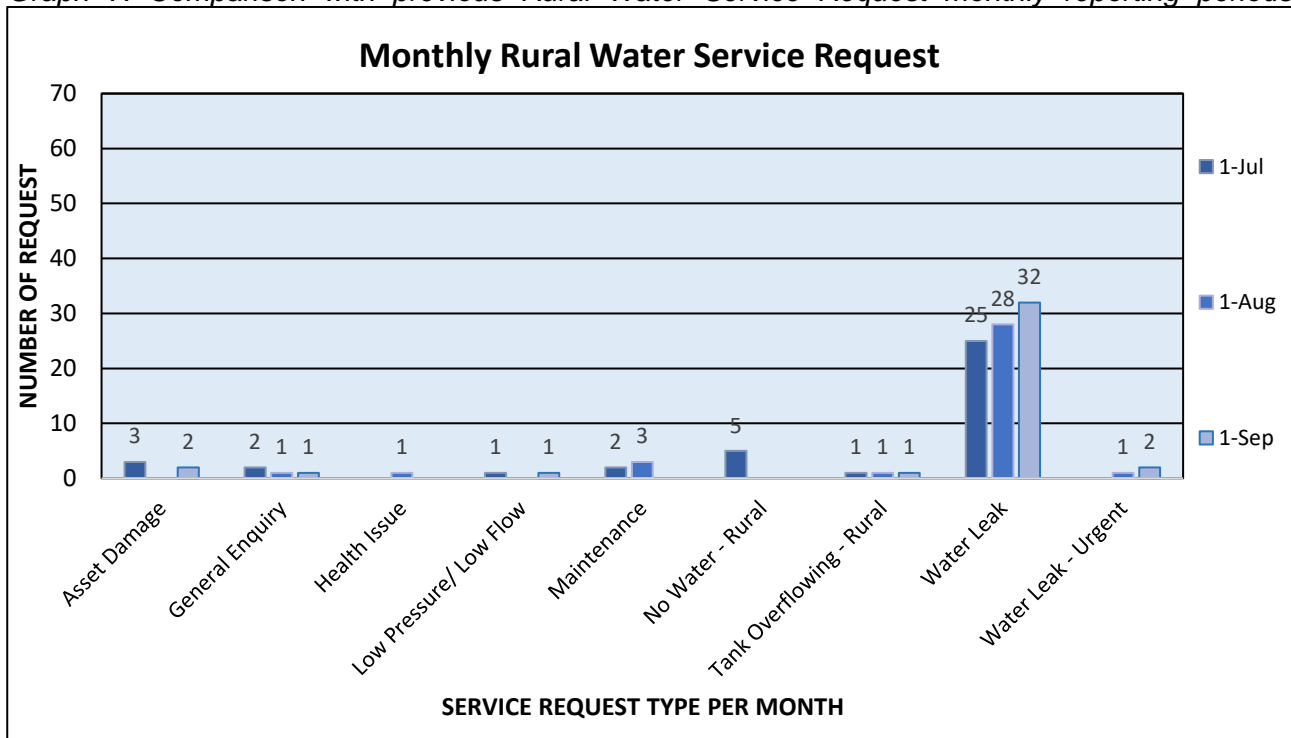
Graph 6: Comparison with previous Urban Water Service Request monthly reporting period



### Rural Water Service Requests

45. Rural Water Service Requests reported over 826.5km of pipe network infrastructure and 1254 connections.

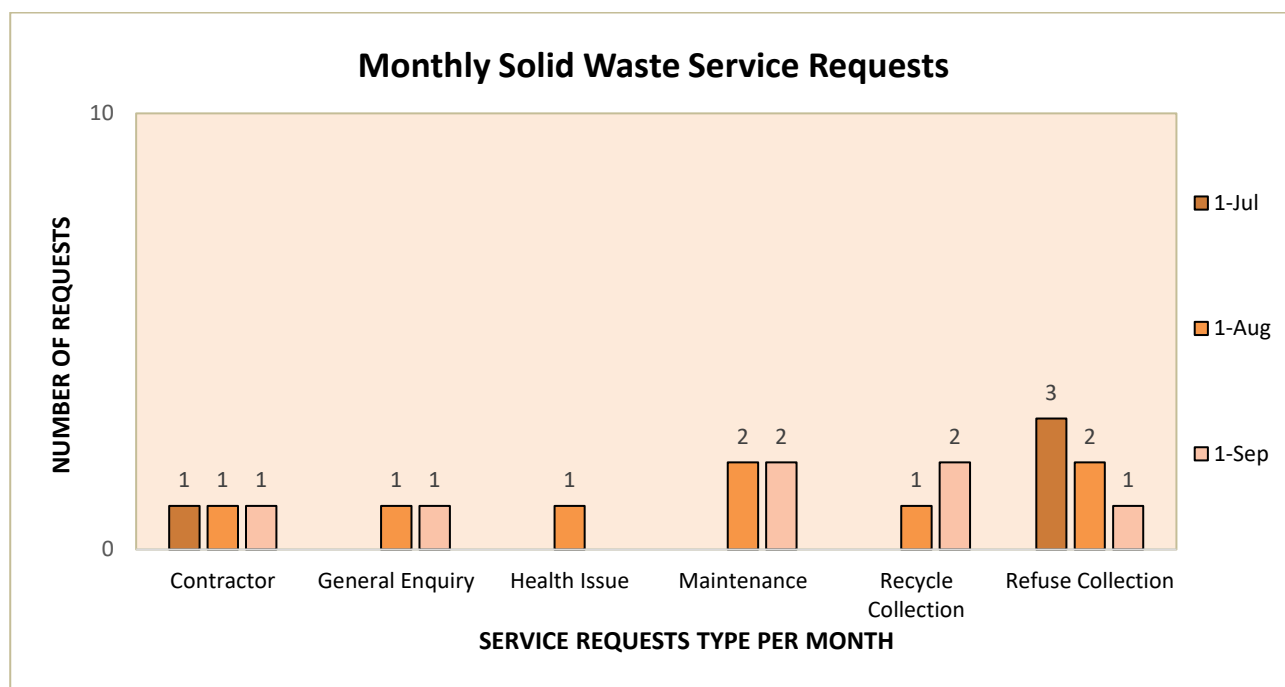
Graph 7: Comparison with previous Rural Water Service Request monthly reporting periods



**Solid Waste Service Requests**

46. Solid Waste Service Requests reported over 3186 households and 8 recycling drop-off depots.

*Graph 8: Comparison with previous Solid Waste Service Request monthly reporting periods*

**RECOMMENDATION**

That the Management Report – 3 Waters and Solid Waste is accepted.

Quarterly Projects Report  
1 July 2019 to 30 September 2019

Water, Sewerage and Waste

Financial Year	Project	Project Description	Budget	Spend to Date	% Complete	Status		Comments / Issues / Risks / Reasons
						Time	Budget	
Water Supply								
2016/17 (carry forward)	Lower Waihao DWSNZ CAP funded upgrade	Planned project that will increase service levels for 2016/17	Subsidised	\$350,798	25%			The trial membrane plant was successful and the results have now been analysed. The bore appears to have been developed further through use and the fine particulate has greatly reduced meaning that the site may only require provision for a membrane unit rather than actually purchasing one as part of the project. To be carried over into 2019/20.
2019/20	Cannington - Renewals		\$10,140	\$0	0%			
2019/20	Hook / Waituna - Renewals		\$9,200	\$1,535	17%			Line renewal
2019/20	Hook / Waituna - Drinking Water Intake/Plant Compliance Upgrade		\$399,300	\$0	0%			Carried over from 2018/19. Ultra filtration membrane trial has been undertaken. Selection of plant and configuration is underway.
2019/20	Hook / Waituna - Simmons Pumphouse Panel and Telemetry		\$22,616	\$0	0%			
2019/20	Hook / Waituna - Tekit Pumphouse Pump 2 Renewal		\$3,084	\$2,022	100%			Pump renewal completed
2019/20	Hook / Waituna - Garlands Road Chlorine Analyser (Monitoring		\$16,448	\$8,825	54%			As Garlands is now being supplied by Waimate Urban, anayliser will be put in O'Donnells pumphouse. Parts Purchased in progress
2019/20	Lower Waihao - Renewals		\$8,240	\$0	0%			
2019/20	Lower Waihao - Drinking Water Intake/Plant Compliance Upgrade		\$800,200	\$10,838	1%			Carried over from 2018/19. A trial membrane plant was successful and the results have now been analysed. The bore appears to have been developed further through use and the fine particulate has greatly reduced meaning that the site may only require provision for a membrane unit rather than actually purchasing one as part of the project.
2019/20	Lower Waihao - Lower Waihao Reservoir Telemetry Renewal		\$9,327	\$0	0%			
2019/20	Otaio / Makikihi - Water Main Renewals		\$3,500	\$13,252	78%			Remaining carry over from 2018/19 budget of \$16,800. Will be used for Agnews Rd line replacement.
2019/20	Otaio / Makikihi - Wilton - 2500m 80mm PVC + 400m 32 OD		\$27,859	\$0	0%			Upsized from 80mm to 100mm PVC after being hydrualic modelled
2019/20	Otaio / Makikihi - Tavistock Bore - Treatment Filter & UV		\$166,400	\$0	0%			Plan for a Medium Pressure UV to be put in for protozoal compliance.
2019/20	Waikakahi - Renewals		\$9,640	\$0	0%			
2019/20	Waikakahi - Drinking Water Intake/Plant Compliance Upgrade		\$1,443,900	\$11,014	10%			Note, New Treatment Plant upgrade is on hold with the agrement of DWA until 2020/21 and clearer direction on legislation and standards. Investigation has started into alternate source. Consultant hired for design.
2019/20	Waikakahi - Elephant Hill Rd Dyer - 1.5km 63 OD (16bar), 1km		\$12,300	\$0	0%			Remaining carry over from 2018/19 budget of \$29,300. Will be used for line replacements.

Financial Year	Project	Project Description	Budget	Spend to Date	% Complete	Status		Comments / Issues / Risks / Reasons
						Time	Budget	
2019/20	Urban Water - Rising Main Renewals		\$219,992	\$0	0%			To be used for Urban pipe renewal
2019/20	Urban Water - Lateral Renewals		\$61,680	\$7,872	13%			Ongoing
2019/20	Urban Water - AC Water Main Renewals		\$223,080	\$37,698	17%			Contract 19/22 underway
2019/20	Urban Water - CI Water Main Renewals		\$336,780	\$47,442	14%			Contract 19/22 underway
2019/20	Urban Water - Manchester Road Bore Replacement		\$92,700	\$177,405	191%			Total combined budget allocation (with GL 5310760013) has been agreed up too \$780,000. Planned completion date 25 November 2019.
2019/20	Urban Water - Pressure Management		\$77,100	\$0	0%			Carry forward from 2015/16. The rising main installation is now complete which allows for pressure management to be implemented.
2019/20	Urban Water - Tim Rd Retic Sub Pump 1 Harmonic Filter		\$25,000	\$0	0%			Will be done with treatment plant upgrade
2019/20	Urban Water - Man Rd Plant - Treatment Filter & UV		\$99,400	\$245,028	247%			Total combined budget allocation (with GL 531076005) has been agreed up too \$780,000. Planned completion date 25 November 2019.
2019/20	Urban Water - Tim Rd Plant - Treatment Filter & UV		\$278,588	\$0	0%			Plan for a Medium Pressure UV to be put in for protozoal compliance.
2019/20	Urban Water - Waimate Reservoir Chlorine Analyser		\$16,448	\$9,275	100%			Installed and completed
2019/20	Urban Water - Waimate Reservoir 240V Switch Board		\$8,224	\$0	0%			
				<b>Overall Completion Average</b>	<b>32%</b>			
<b>Sewerage and Sewage</b>								
2019/20	Investigate inflow and infiltration	Infiltration investigation from surface influences i.e. illegal storm water connections	\$6,169	\$0	0%			Ongoing. Total budget of \$17,476 under GL, which \$6,169 of is set aside for Investigate inflow and infiltration.
2019/20	Sewer - Waimate Urban Renewals		\$327,794	\$0	0%			Re-allocated to Queen Street Upgrade
2019/20	Sewer - Aerator 1		\$33,924	\$0	100%			Brought forward in 2018/19 and completed.
2019/20	Sewer - Cable Extension for Aerator 1		\$19,532	\$0	100%			Brought forward in 2018/19 and completed.
2019/20	Sewer - Smoke Testing Equipment		\$3,598	\$3,663	102%			Purchased and tested
2019/20	Permanet D.O. Probe and control - Dual Probe		\$10,280	\$0	5%			Reseraching D.O. Probes
2019/20	WWTP Alarming/Monitoring of Out flow Meter		\$4,112	\$0	0%			
2019/20	Sewer - Disposal Field Border Dyke Maintenance		\$11,000	\$0	5%			Organising contractor
				<b>Overall Completion Average</b>	<b>39%</b>			



Financial Year	Project	Project Description	Budget	Spend to Date	% Complete	Status		Comments / Issues / Risks / Reasons
						Time	Budget	
Stormwater Drainage								
2019/20	Stormwater - Belt Street to Town Belt		\$40,400	\$0	0%			Funds reallocated to improving inlet structures and various stormwater improvements within the urban area
2019/20	Stormwater - Consent & Management Plan		\$30,000	\$110,024	367%			The draft stormwater management plan is all but complete and work is now complete on the assessment of environmental effects. This assessment is a core requirement of the consenting process. Staff are reviewing final documentation before lodgement for consent. ECan have provided an extension for Waimate and many other District Councils. Original budget \$140k
2019/20	Stormwater - Weather Station		\$6,700	\$0	0%			Carried over from 2019/20
2019/20	Stormwater - Queen Street Upgrade		\$133,640	\$14,255	11%			Investigation into options
2019/20	Stormwater - Herbert St 225 Iron Pipe Crossing		\$6,168	\$0	0%			
2019/20	Stormwater - CCTV Assessment of Mains		\$5,000	\$0	0%			
				Overall Completion Average	63%			
Waste Management								
2019/20	Waste Management - Wheelie Bin Replacements		\$3,066	\$995	32%			Ongoing, for bin replacement
2019/20	Waste Management - Refuse/Recycle Bins - Public Toilet		\$4,000	\$0	10%			Brought forward from 2018/19 year and working in conjunction with the Economic Development Bueatification Project.
2019/20	Waste Management - Refuse/Recycle Bins - Boland Park		\$4,088	\$0	10%			Working in conjunction with the Economic Development Bueatification Project.
				Overall Completion Average	18%			

**Status Key:**

On track with time/budget for completion within the plan year

High risk (budget and/or timeframe)

Some risk (budget and/or timeframe) - highlight issues in comments

Not started/external to Council

**6.2 MANAGEMENT REPORT - PARKS & RESERVES**

**Author:** Graeme Watts, Parks and Reserves Manager

**Authoriser:** Dan Mitchell, Asset Group Manager

**Attachments:** 1. Projects Report - Parks and Reserves [↓](#) 

**PURPOSE**

1. To provide the District Infrastructure Committee with an update on Parks and Reserves activities.

**VICTORIA PARK**

2. The annual garden display is looking at its best with plenty of colour. Over the Labour Weekend period visitors commented on what a lovely and well-kept park Waimate has.



**Photograph 1: Trees at Victoria Park**



**Photograph 2: Victoria Park gardens**

3. Staff have been busy keeping up with maintenance of growth of lawns and weeds.
4. Demolition of the sports pavilion is to take place mid-November and the building of the shelter building will start immediately after. It is programmed to be completed by the start of December 2019.



**Photograph 3: Current pavilion**



**Photograph 4: Artists impression of new shelter**

**VICTORIA PARK CAMP**

5. Over Labour weekend, all powered sites and cabins were booked out with most campers staying at least three nights. The woodland area was opened to cater for non-powered caravans and tents. Several groups have pencil bookings for next year with one group of eight to ten caravans and four cabins, booking for a third consecutive year, and another group of first timers staying with six caravans returning again next year. Comments from campers were that the facilities were excellent, everything was tidy and clean and the hospitality in Waimate is great.



**Photograph 5: Camp ground over Labour Weekend**

6. A new washing machine, dryer and microwave have been purchased.

### **KNOTTINGLEY PARK AND ARBORETUM**

7. Friends of Knottingley Park along with park staff planted over thirty trees thanks to a donation from the Waimate Horticultural Society. Included were Liquidambar, Acer Rubrum and Myssa Sylvatica. These trees will make a beautiful blaze of colour through the autumn period.



**Photograph 6: Newly planted trees**

8. The walking track through the park has been upgraded with grant funding from Waimate Trackways. The track has been widened in places and low areas filled with shingle and covered with crusher dust. Drainage work has also been carried out.



**Photograph 7: Upgraded walking track**



9. The loop road through the park has been graded and re-shingled.

### **KNOTTINGLEY PARK CAMP**

10. A good number of overnight stayers came through over Labour weekend. Numbers using the powered sites were higher than normal due to the powered sites at Victoria Park being fully booked.
11. Campers commented that the camping area was clean and tidy, and that it is in a lovely park setting.

### **QUEEN STREET**

12. Staff have been busy hanging the flowering baskets along Queen Street. Begonias, geraniums and a number of other varieties will bring an array of colour to the main street over the summer period.



**Photograph 8: Upgraded walking track**

### **NORMAN KIRK MEMORIAL SWIMMING POOL**

13. The pool opened on Saturday 2<sup>nd</sup> November. A beautiful warm sunny day encouraged people to visit the pool with over 250 people through the gates over the opening weekend.
14. Staff have worked hard to get the pool and surrounds looking great. The pool and men's changing rooms have been painted, and new lighting and a new shower have been installed in the family room.

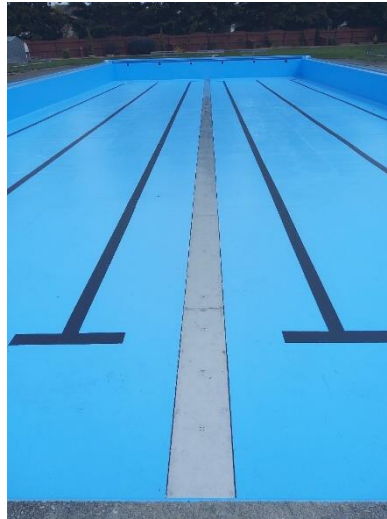


**Photograph 9: Newly painted changing rooms**

15. A new stainless steel inlet channel and nozzles have replaced the leaking concrete inlet channel in the centre of the main swimming pool. This replacement and subsequent adjustments have markedly increased the temperature of the children's paddling pool.



**Photograph 10: Old concrete channel**



**Photograph 11: New stainless steel channel**

16. The new pool heat pump system is up and running and the pool is being kept at a consistent temperature between 28-30 degrees without soot and smoke.



**Photograph 12: New heat pump system**

17. Many schools and the Waimate Amateur Swimming Club have their season's sessions booked in.
18. The carpark at the rear of the swimming pool has been re-shingled and tidied.



**Photograph 13: Pool carpark re-shingled**

19. A new path has been established between the swimming pool entrance and the skate park area.





**Photograph 14: New path to skate park**

**RECOMMENDATION**

That the Management Report – Parks and Reserves is accepted.

Quarterly Projects Report  
1 July 2019 to 30 September 2019

Parks and Reserves

Financial Year	Project	Project Description	Budget	Spend to Date	% Complete	Status		Comments / Issues / Risks / Reasons
						Time	Budget	
2015/16 (carry forward)	Cemetery - replace workshop/office/toilet	Build new workshop and small office plus new unisex toilet in the new part of the Waimate cemetery	\$50,000	\$39,531	85%			Workshop and office complete. Remaining budget may restrict the construction of a public toilet. Plans are being developed in conjunction with the Utilities unit to allow for a wastewater connection.
2019/20	Cemetery - Concrete storage large bins	Bins for storing topsoil and shingle	\$10,000	\$0	2%			Plans are in progress
2017/18	Swimming pool - replace heating system		\$243,000	\$340,409	100%			Project commissioned
2019/20	Swimming pool - Heating channel in main pool		\$30,000	\$10,000	40%			The main channel has been completed but minor works (re-sealing the outside edge of the pool) still to be completed by end of November. Final invoices still to be processed.
2017/18 (carry forward)	Waitaki Lakes - new signs	New camping ground signage at each camp ground	\$4,000	\$0	0%			To be completed in conjunction with economic development feedback. Signs around will be uniform across the district.
2019/20	Waitaki Lakes Pipe Renewal	Programmed water reticulation renewal (for campers water supply)	\$10,000	\$0	0%			To be carried out at the end of the 2019/20 camping season.
2018/19 (carry forward)	Waitaki Lakes - Chlorine Dosing UV	Increase water quality standard at Waitangi	\$48,000	\$0	5%			In progress
2019/20	Waitaki Lakes - Chlorine Dosing UV	Increase water quality standard at Te Aka	\$31,000	\$0	0%			To be carried out at the end of the 2019/20 camping season.
2018/19 (carry forward)	Victoria Park Camp - Driveway Reseal	Programmed maintenance - preparation work	\$8,000	\$0	5%			Working on project with Council Roding Group.
2018/19 (carry forward)	Victoria Park Camp - Driveway Reseal	Programmed maintenance - reseal work	\$25,000	\$0	5%			Working on project with Council Roding Group
2019/20	Victoria Park - Pavilion Upgrade	Demolition of old pavilion and building of new covered area	\$130,000	\$0	50%			Demolition complete as at 8/11/19. New structure will be completed by mid December. Plans are being developed for the picnic area layout (tables and seating).
2019/20	Victoria Park - Picnic Tables		\$5,000	\$0	0%			Plans are being developed for the picnic area layout (tables and seating).
2019/20	Victoria Park - Bench Seats		\$10,000	\$0	0%			Plans are being developed for the picnic area layout (tables and seating).
2019/20	Victoria Park - 1.6m Grab for Tractor		\$10,000	\$0	0%			To be determined
2018/19 (carry forward)	Knottingley Park - Driveway Reseal	Programmed maintenance	\$25,000	\$0	5%			Working on project with Council Roding Group
2018/19 (carry forward)	Knottingley Park Camp - Culvert and Small Bridge Replacement	To replace existing bridge	\$18,000	\$6,200	100%			Project complete, awaiting to receive final invoices
2019/20	Knottingley Park - Playground Matting		\$72,000	\$61,200	100%			Completed July 2019
2019/20	Knottingley Park - Geogrid Matting	Matting to assist with drainage at parking locations near the cricket grounds	\$30,000	\$0	0%			Plans in progress
2019/20	Knottingley Park - Picnic Tables	Tables for a variety of locations throughout the park	\$5,000	\$0	0%			Yet to be started

Financial Year	Project	Project Description	Budget	Spend to Date	% Complete	Status		Comments / Issues / Risks / Reasons		
						Time	Budget			
Planning						Asset Management data and plans currently being updated through internal resources				
2016/17 (carry forward)	Develop a renewal programme for AMPs		\$8,000	\$0	25%					
2016/17 (carry forward)	Critical asset study for AMPs		\$3,000	\$0	10%					
2016/17 (carry forward)	Reserve Management Plans		\$3,000	\$13,600	95%			General Reserve Management Policies and Knottingley Park & Arboretum Reserve Management Plans adopted by Council, pending the implementation of adopted adjustments/modifications.		
External projects to Council										
2016/17 (carry forward)	Morven Hall painting		\$20,000	\$0	0%			External projects to Council: Domain Broad Committee are to make decisions on whether they will continue with the three projects.		
2016/17 (carry forward)	Morven Hall rewiring		\$10,000	\$0	0%					
2016/17 (carry forward)	Morven Domain replacement trees		\$20,000	\$0	0%					
2017/18 (carry forward)	Morven Domain - electrical points		\$4,000	\$0	0%					

**Status Key:**

On track with time/budget for completion within the plan year

High risk (budget and/or timeframe)

Some risk (budget and/or timeframe) - highlight issues in comments

Not started/external to Council

**6.3 MANAGEMENT REPORT - ROADING**

**Author:** Rob Moffat, Roothing Manager  
**Authoriser:** Dan Mitchell, Asset Group Manager  
**Attachments:** 1. Project Report - Roothing [↓](#) 

**PURPOSE**

- To update the District Infrastructure Committee on roading activities.

**DRAINAGE MAINTENANCE**

- Drainage maintenance has been undertaken on the following:

Drainage August to October 2019							
Road	Culvert 225 mm	Culvert 300 mm	Culvert 450 mm	High Lip Removal	Side Drain Cleaning m	Surface Water Channel Cleaning m	Surface Water Channel Construction m
BACKLINE ROAD						2300	
CRAIGMORE HILL ROAD							155
CRAIGMORE VALLEY ROAD					14	2434	
ENGELBRECHTS ROAD	12						
FARM ROAD				5526		56	
FRENCHMANS GULLY ROAD		12	4.8		94	1986	585
HAKATARAMEA VALLEY ROAD						4220	
HAYES ROAD							856
HOMESTEAD ROAD						170	
MCHENRYS ROAD		52.8	9.6				3778
MOTUKAIKA ROAD				5881		9305	
PAKIHI ROAD						90	87
PAREORA RIVER ROAD						704	
SPRINGBANK ROAD	6						
TE AKATARAWA ROAD				168		1978	125
TRIANGLE ROAD	12						
	<b>30</b>	<b>64.8</b>	<b>26.4</b>	<b>11575</b>	<b>108</b>	<b>23243</b>	<b>5586</b>

**SEALED PAVEMENT MAINTENANCE**

3. The following seal road repairs and construction have been completed:

<b>Seal Repairs August to October 2019</b>							
<b>Road</b>	<b>Digouts m<sup>2</sup></b>	<b>Stabilisation m</b>	<b>First Coat Chip Seal m<sup>2</sup></b>	<b>Edge Break Repair m</b>	<b>Granular Overlay m<sup>2</sup></b>	<b>Localised Seal Widening m</b>	<b>Raise Low Shoulder m</b>
ELEPHANT HILL ROAD				150.6			
ESK VALLEY ROAD				20.4			
FARM ROAD		126.9					
FISHERIES ROAD				3.8			
HAKATARAMEA VALLEY RD		884.19	3252	78.9	3710	165	548
HAYES ROAD	26.45	101.53					
HOLME STATION ROAD				20			
HOMESTEAD ROAD		26.92	425		510		
HORSNELLS ROAD				3			
HURSTLEA ROAD				6.5			
IKAWAI MIDDLE ROAD				2.2			
LOWER HOOK ROAD				40.5			
MILNE ROAD							2346
MORVEN ROAD				6.5			
MOUNT FLORENCE ROAD		27.16					
OLD FERRY ROAD				11.1			
PAREORA RIVER ROAD				17.2	1407		
POINT BUSH ROAD				19.6			
SERPENTINE VALLEY ROAD				24			
SHERWOOD ROAD				47.5			
TALBOTS ROAD				4.9			
TE AKATARAWA ROAD		237.8					
TESCHEMAKER VALLEY RD				14			
WILLOWBRIDGE ROAD				2.4			
	<b>26.45</b>	<b>1404.5</b>	<b>3677</b>	<b>473.1</b>	<b>5627</b>	<b>165</b>	<b>2894</b>



**SEALED PAVEMENT MAINTENANCE**

4. The following seal road improvements and construction have been completed:

Sealed Road Overlays Completed			
Location	Road/Street	Length m	Area m <sup>2</sup>
Hakataramea	Haka Valley Rd 1	360	2520
Hakataramea	Haka Valley Rd 2	170	1190
Hakataramea	Homestead Rd	95	475
Springbrook	Pareora River Rd	155	1085
		<b>780</b>	<b>5270</b>

Seal Widening Completed		
Location	Road/Street	Length m
Hakataramea	Haka Valley Rd	438
Hakataramea	Haka Valley Rd	140
Hakataramea	Hayes Rd	102
		<b>680</b>



*Photo 1 Seal Widening Completed Hakataramea Valley Road near McKays Road*



*Photo 2 Overlay Completed Hakataramea Valley Road near Homestead Road*



Photo 3 Overlay under construction Pareora Road near Pleasant Valley Road

## METALLING

5. Metalling has been undertaken on the following roads:

Metalling August to October 2019				
Road Name	Start Name	End Name	m <sup>3</sup>	length m
BACKLINE ROAD	MT NIMROD ROAD	MOTUKAIKA ROAD	37	spot
BACKLINE ROAD	MATATA ROAD	MT NIMROD ROAD	40	spot
BACKLINE ROAD	MOTUKAIKA ROAD	HOWELLS ROAD	64	1596
BACKLINE ROAD	SODWALL ROAD	TESCHEMAKER V. RD	68	1610
BACKLINE ROAD	END OF SEAL	MATATA ROAD	93	spot
BACKLINE ROAD	HOWELLS ROAD	ELDERS ROAD	102	2271
BACKLINE ROAD	ELDERS ROAD	MIDDLE YARDS ROAD	102	3028
DOG KENNEL ROAD	END OF SEAL	PIKES POINT ROAD	103	3366
ESK BANK ROAD	CHURCH HILL ROAD	ESK BANK FORD ROAD	102	2383
GARLANDS ROAD	MILL ROAD	END OF SEAL	34	860
JACKSONS BUSH ROAD	BOURNDAL HS ROAD	COOPERS ROAD	10	343
JACKSONS BUSH ROAD	WAIMATE HUNTER RD	BOURNDAL HS RD	35	1207
JACKSONS BUSH ROAD	MILNES ROAD	END OF ROAD	45	1558
JACKSONS BUSH ROAD	COOPERS ROAD	MILNES ROAD	46	1612
LYALLDALE ROAD	BLUE CLIFFS ROAD	LYALLDALE MIDDLE Rd	68	1677
LYALLDALE ROAD	LYALLDALE MIDDLE Rd	PLEASANT VALLEY Rd	102	2507
MCNAUGHTONS ROAD	SH 1	START OF SEAL	9	spot
MCNAUGHTONS ROAD	END OF SEAL	PIKES POINT ROAD	36	spot
PIKES POINT ROAD	DOG KENNEL ROAD	FLEMINGS ROAD	21	spot
PIKES POINT ROAD	FLEMINGS ROAD	OLD FERRY ROAD	46	spot
			1163	24 km

**FOOTPATH RENEWAL**

The following footpaths have been renewed or constructed:

Footpath Renewal with Asphaltic Concrete			
Location	Road/Street	Length m	Area m <sup>2</sup>
Glenavy	Ruane Street	102	153
Glenavy	Glenavy Tawai Rd	123	185
Glenavy	SH1 Grafton Irrigation	46	69
Glenavy	Pyke Street	99	99
St Andrews	Bluecliffs Rd RHS	42	63
St Andrews	SH1 St Andrews shop	30	165
Waimate	Point Bush Road	60	108
Waimate	Wilkin Street	97	165
		<b>599</b>	<b>1006</b>

New Asphaltic Concrete Footpaths			
Location	Road/Street	Length m	Area m <sup>2</sup>
Waimate	High Street	158	237
St Andrews	Bluecliffs Rd LHS	102	153
		<b>260</b>	<b>390</b>



*Photo 4 Footpath Renewal SH 1 St Andrews*





*Photo 5 Footpath Renewal Bluecliffs Road St Andrews*

### **ED PROJECTS - TOWNSHIP ROAD BERMS**

6. The road berm on Hakataramea Valley Road near the Hakataramea Village has had trees and stumps and levelling completed to enable grassing and mowing.



*Photo 6 Hakataramea Valley Road Berm before work*



*Photo 7 Hakataramea Valley Road Berm after work*

**RESEALING 2019-21**

7. Fulton Hogan Limited will commenced this seasons sealing for the collaborative contract in the Timaru District. Waimate District resealing is programme for to start late December 2019 with Te Akatarawa Road, Lake Aviemore. The balance of the programme will be sealed mid-January to Mid-February 2020.

**Waimate District Reseal Programme 2019-21**

Road Name	Location	Length m	Start Name	end name
BACKLINE ROAD (206)	Cannington	1786	CANNINGTON ROAD	END OF SEAL
BATHGATE ROAD	Waimate	1054	SH 82	MOLLOYS ROAD
CRAIGMORE HILL ROAD	Maungati	50	START OF SEAL	END OF SEAL
CRAIGMORE HILL ROAD	Maungati	376	START OF SEAL	END OF SEAL
ELEPHANT HILL ROAD	Waihao Downs	3185	RITCHIES ROAD	SH 82
FARM ROAD	Hakataramea	2608	HAKATARAMEA VALLEY ROAD	END OF SEAL
FISHERIES ROAD	Glenavy	1117	MORVEN GLENNAVY ROAD	END OF SEAL
FISHERMANS BEND ROAD	Lake Aviemore	90	TE AKATARAWA ROAD	END SEAL
HAKATARAMEA VALLEY RD	Hakataramea	2902	MCKAYS BRIDGE	SEAL JOIN
HAKATARAMEA VALLEY RD	Hakataramea	1040		CULVERT 92
HAYES ROAD	Hakataramea	150	OVERLAY START	OVERLAY END
HOWELLS ROAD	Cannington	141	TIMAUNGA	END OF SEAL
JOHN STREET	Waimate Township	165	HIGH STREET	VICTORIA TERRACE
LIMESTONE ROAD	Cannington	195	PAREORA GORGE ROAD	INTERSECTION
LIMESTONE ROAD (215)	Cannington	3946	MOA ROAD	HOWELLS ROAD
MOTUKAIKA ROAD (213)	Cannington	7610	LIMESTONE ROAD	END OF SEAL
OLD FERRY ROAD	Glenavy	252	Side Road near SH 1	
PAREORA GORGE ROAD	Cannington	80	LIMESTONE ROAD	INTERSECTION
RATTRAYS ROAD	Makikihi	178	START DUST SEAL	END DUST SEAL
RHODES STREET	Waimate Township	119	HIGH STREET	CORONATION STREET
TARA HILL ROAD	Waihaorunga	2980	Seal join 1.4km	WAIHAORUNGA BACK ROAD
TE AKATARAWA ROAD	Lake Aviemore	5714	FISHERMANS BEND ROAD	CATTLESTOP
TE AKATARAWA ROAD	Lake Aviemore	1029	CATTLE STOP	BENMORE DAM
VICTORIA TERRACE	Waimate Township	247	QUEEN STREET	PAUL STREET
WAIHAORUNGA BACK ROAD	Waihaorunga	2756	HURSTS ROAD	TARA HILLS ROAD
WILLOWBRIDGE SETTLEMENT RD	Willowbridge	845	LUCKS ROAD	END OF ROAD
		<b>40615</b>		

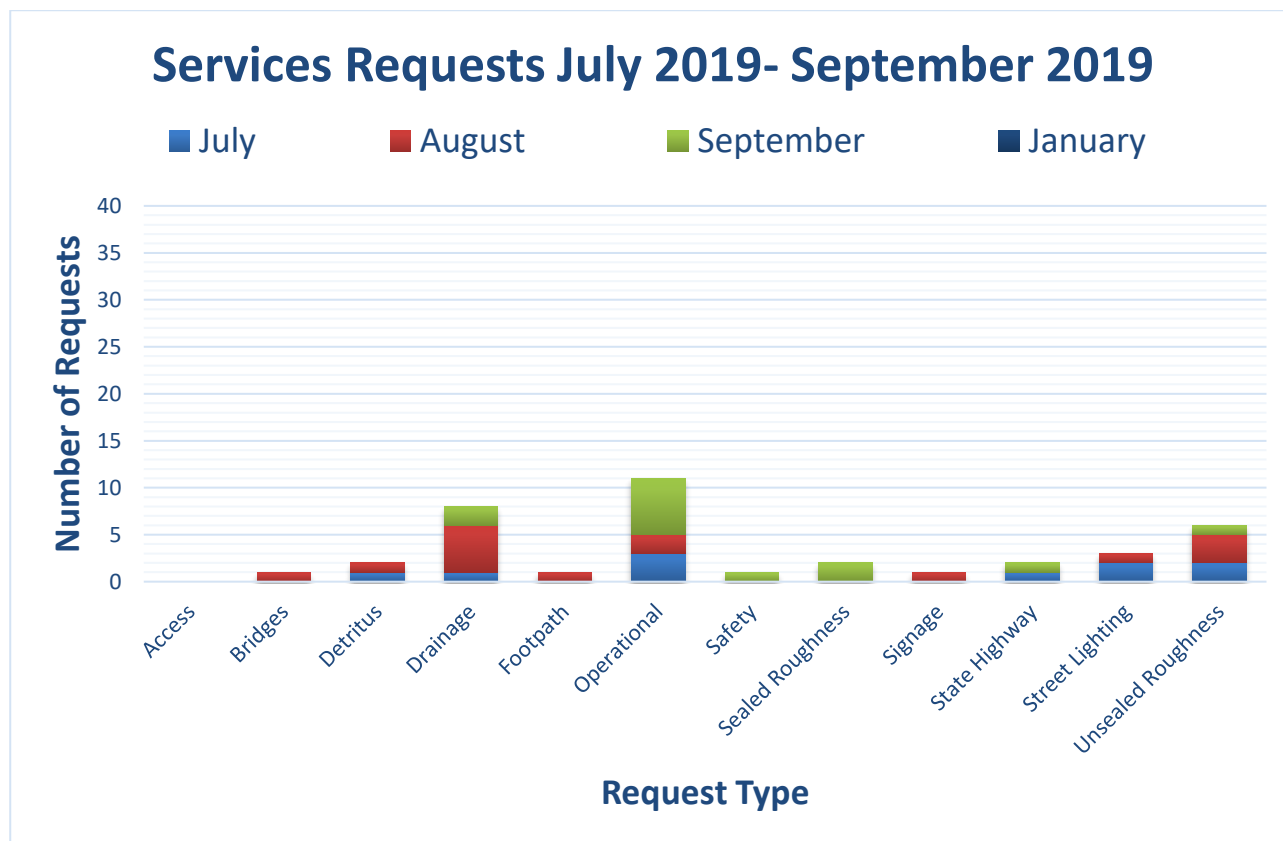


**MINOR FLOOD EVENT**

8. The coastal area of the District had a minor flood event on the morning of 11 August 2019. A 20 ARI (Annual Exceedance Probability) was recorded for an hour in the Otaio area. Damage to Council's road network has cost \$44,876 to repair. This was funded from maintenance budgets.

**SERVICES REQUESTS**

9. Services Requests July 2019- September 2019

**REQUESTS FOR ACTION**

Meeting	Date	Officer	Title	Target
District Infrastructure Committee	13/03/2018	Rob Moffat	Street Lighting Extension: Staff to provide a report on costings of street lighting in the new urban areas of Waimate and Glenavy. <b>In progress</b>	Early 2019
<b>Notes</b> Roading Unit are preparing documents for the LED light renewal and then the Street light extension.				

## ROADING SUBSIDISED EXPENDITURE TO 31 OCTOBER 2019

WC	Activities/Programmes	FAR	Total cost	NLTA share	Expenditure to date for claim
<b>Emergency works and Preventive Maintenance</b>					
141	Flood November 2018	60	\$38,459	\$23,075	\$9,534
<b>Local road maintenance - Local Roads</b>					
111	Sealed pavement maintenance	60	\$570,810	\$342,486	\$123,997
112	Unsealed pavement maintenance	60	\$310,000	\$186,000	\$119,029
113	Routine drainage maintenance	60	\$350,000	\$210,000	\$145,838
114	Structures maintenance	60	\$150,000	\$90,000	\$13,351
121	Environmental maintenance	60	\$200,000	\$120,000	\$63,895
122	Traffic services maintenance	60	\$145,000	\$87,000	\$22,127
125	Footpath Maintenance	60	\$205,422	\$123,253	\$177,890
131	Level crossing warning devices	60	\$10,000	\$6,000	\$2,721
151	Network and asset management	60	\$460,000	\$276,000	\$117,114
211	Unsealed road metalling	60	\$350,000	\$210,000	\$127,121
212	Sealed road resurfacing	60	\$1,278,000	\$766,800	\$0
213	Drainage renewals	60	\$480,000	\$288,000	\$151,614
214	Sealed road pavement rehabilitation	60	\$308,000	\$184,800	\$156,008
215	Structures component replacements	60	\$155,000	\$93,000	\$3,212
222	Traffic services renewals	60	\$60,000	\$36,000	\$28,938
<b>Total Maintenance Local Roads</b>			<b>\$5,032,232</b>	<b>\$3,019,339</b>	<b>\$1,252,853</b>
324	Accelerated LED Street Light Renewal-Implementation	85	\$250,750	\$213,138	\$0
341	Minor improvements Local Roads	60	\$839,086	\$503,452	\$58,202
<b>Total Local Roads improvement</b>			<b>\$1,089,836</b>	<b>\$716,589</b>	<b>\$58,202</b>
<b>Total Programme</b>			<b>\$6,160,527</b>	<b>\$3,759,004</b>	<b>\$1,320,590</b>

**RECOMMENDATION**

That the Management Report – Roading is accepted.

## Projects Report

1 July 2019 to 30 September 2019

## Roading and Footpaths

On track with time/budget for completion within the plan year

High risk (budget and/or timeframe)

Some risk (budget and/or timeframe) - highlight issues in comments

Project	Project Description	Budget	Spend to Date	% Complete	Status		Comments / Issues / Risks / Reasons
					Time	% Budget	
Drainage Renewals Subsidised							
Drainage Construction	Construction of new surface drainage asset	\$199,364	\$74,315	40%	<div></div>	37%	ongoing
Culvert Renewal	Renewal of installation of culverts	\$108,941	\$26,500	25%	<div></div>	24%	ongoing
Kerb & Channel Renewal	Replacement of Kerb & Channel renewal and sumps	\$125,706		0%	<div></div>	0%	
Concrete Ford Renewal	Concrete ford renewal	\$45,990		0%	<div></div>	0%	Backline Road Concrete Ford near Daledew Road to be replaced
		\$480,001	\$100,815	21%			
Other Capital Projects Subsidised							
Sealed Road Resurfacing	Chip seals have a limited useful life. Resealing is programmed on an as needed basis to arrest and prevent the deterioration of the road surface	\$1,278,000	\$0	0%	<div></div>	0%	Timaru, Waimate and Mackenzie Road Resurfacing Contract. Work to start December 2019
Pavement Rehabilitation	Replacement / Restoration of strength to pavement	\$308,000	\$35,822	15%	<div></div>	12%	Hakataramea Valley & Pareora River Road in Construction
Structures component replacement	Bridge upgrade, deck, beam replacement etc.	\$155,001	\$3,213	2%	<div></div>	2%	Frazers Bridge Menzies Road being priced
Sign Renewal	Replace signs and edge markers	\$60,000	\$26,926	45%	<div></div>	45%	ongoing
Footpath Renewal	Replacement of footpath pavements	\$153,300	\$132,636	90%	<div></div>	87%	Footpaths in Glenavy and St Andrews under construction
Low Risk - Low Cost Improvements	Includes seal widening and safety improvements	\$330,000	\$47,192	20%	<div></div>	14%	Sealing Widening Hakatarama Valley in construction
Low Risk - Low Cost Improvements	Bridge replacement	\$570,000	\$0	0%	<div></div>	0%	Crouches Bridge Youngs Road in planning
		\$2,854,301	\$245,789	9%			
Capital Projects Non Subsidised							
Development	Improvement and upgrade of infrastructure to enhance development	\$161,320	\$14,642	10%	<div></div>	9%	Includes additional street lights
Dust Seal	Council share of dust sealing (Note spend to date includes Owners Share)	\$51,100			<div></div>	0%	Planned advertisement for possible sites
Minor Improvements Non subsidy	Improvement upgrade of footpath etc.	\$25,550			<div></div>	0%	
Landscaping Township entrance	Visual enhancement of township roadside entrances	\$12,000			<div></div>	0%	Work in progress Hakataramea Valley Road
		\$249,970	\$14,642	6%			
Non infrastructure Projects							
Procurement Strategy	The Procurement Strategy outlines the Council's approach to the procurement of goods and services for its delivery functions and is a requirement of the NZ Transport Agency for Council to receive funding				<div></div>		Work in progress to completed in November
Roading Activity Management Plan Improvement	Improving and updating the AMP to support the 2021-24 Long Term Plan and funding bid to NZTA				<div></div>		Current tasks - Maintenance Contract Strategy, Procurement Strategy, ONRC Performance Measures, Traffic Counting Strategy, RAMM Data Quality
Roading Network Operations and Maintenance Contract Renewal	Plan for the renewal of the Aoraki Roading Collaboration (ARC) maintenance contracts which expire 30 November 2019				<div></div>		Working collaboratively with ARC partners in planning the new contract.

**MEETING CLOSURE**