



TO THE MAYOR AND COUNCILLORS OF THE MACKENZIE DISTRICT COUNCIL

Membership of the Asset and Services Committee:

Cr James Leslie (Chairman)
Claire Barlow (Mayor)
Cr Noel Jackson
Cr Evan Williams
Cr Russell Armstrong
Cr Murray Cox
Cr Graham Smith

Notice is given of the Meeting of the Asset and Services Committee to be held on Tuesday, October 13, following the conclusion of the Planning and Regulation Committee meeting.

VENUE: Council Chambers, Fairlie.

BUSINESS: As per agenda attached

WAYNE BARNETT
CHIEF EXECUTIVE OFFICER



ASSET AND SERVICES COMMITTEE

Agenda for Tuesday, October 13, 2015

APOLOGIES

DECLARATIONS OF INTEREST

MINUTES:

Confirm and adopt as a correct record the minutes of the Asset and Services Committee meeting held on September 1, 2015, including those matters taken in public excluded.

REPORTS:

1. Asset Manager's Monthly Report – September (attached).

PUBLIC EXCLUDED REPORTS:

2. Twizel wastewater treatment plant – land purchase (attached).

PUBLIC EXCLUDED RESOLUTION:

Resolve that the public, be excluded from the following part of the proceedings of this meeting namely:

1. Public excluded minutes from the meeting of September 1, 2015.
2. Twizel wastewater treatment plant – land purchase.

General subject of each matter to be considered	Reason for passing this resolution in relation to each matter	Ground(s) under section 48(1) for the passing of this resolution
Public excluded minutes Asset and Services September 1.	Commercial sensitivity	48(1)(a)(i)
Twizel wastewater treatment plant – land purchase	Enable commercial negotiations	48(1)(a)(i)

This resolution is made in reliance on Section 48(1)(a)(i) of the Local Government Official Information and Meetings Act 1987 and the particular interest or interests protected by Section 6 or Section 7 of that Act, which would be prejudiced by the holding of the whole or the relevant part of the proceedings of the meeting in public are as follows: *Public excluded minutes Asset and Services September 1 under section 2(b)(ii). Twizel wastewater treatment plant land purchase under section 7(2)(i).*

ADJOURNMENTS: 10.30am - Morning Tea
12pm - Lunch

MACKENZIE DISTRICT COUNCIL

MINUTES OF A MEETING OF THE ASSET AND SERVICES COMMITTEE HELD IN THE COUNCIL CHAMBERS, FAIRLIE, ON TUESDAY, SEPTEMBER 1, 2015, AT 9.35PM

PRESENT:

Cr James Leslie (Chairman)
Cr Evan Williams
Mayor Claire Barlow
Cr Graham Smith
Cr Murray Cox

IN ATTENDANCE:

Wayne Barnett, Chief Executive
Bernie Haar, Asset Manager
Suzy Ratahi, Roading Manager
Geoff Horler, Utilities Manager
Angie Taylor, Solid Waste Manager
Daniel Naude, Road Safety Coordinator
Arlene Goss, Committee Secretary

APOLOGIES:

Apologies were received from Cr Russell Armstrong and Cr Noel Jackson.

DECLARATIONS OF INTEREST:

There were no declarations of interest.

ROAD SAFETY COORDINATORS REPORT:

Daniel Naude was present to speak to his report on road safety attached at page 17 of the agenda. The chairman welcomed him to the meeting.

Daniel Naude tabled a handout called "Overall Crash Statistics" which is an attachment to these minutes. He said his main concern is the serious crash rate, which is rising, along with minor injury crashes which are also on the rise.

The majority of crashes are single driver crashes with people leaving the road. He asked Council to continue to take road safety seriously.

Resolved that the report be received.

Mayor/Cr Cox

MINUTES:

Resolved that the minutes of the meeting of the Asset and Services Committee held on July 23, 2015, including those parts taken in public excluded, be confirmed as an accurate record.

Cr Smith/Mayor

Resolved that the minutes of the meeting of the Extraordinary Asset and Services Committee held on August 11, 2015, including those parts taken in public excluded, be confirmed as an accurate record.

Cr Smith/Mayor

ASSET MANAGERS MONTHLY REPORT:

The purpose of this report was to update the Asset and Services Committee on the progress on various projects and also on the normal operation of the department for the past month.

The following matters of action were raised in the discussion of this report:

The Asset Manager would like to have a formal opening ceremony for the Twizel water upgrade in October and will talk further to the chairman about this.

Suzy Ratahi spoke regarding Goodman's Bridge and will bring a full report to the next committee meeting with options. She suggested turning the bridge into pedestrian access only. Staff have not yet talked to the landowner about it. The bridge engineer will do a drawing of what she suggests. The committee agreed that Suzy Ratahi should talk to the landowner. Crs Smith and Williams agreed to be involved in the discussions.

Suzy Ratahi showed a video of Gudex Road highlighting mud on the road from one farm property which has been the subject of a complaint. The farmer is also using the roadside for storage. Councillors agreed the situation needed to be addressed and Suzy Ratahi was asked to work with the farmer on resolving this.

Daniel Naude left the meeting at 10.32am.

Geoff Horler spoke to his report and answered questions.

Then Angie Taylor spoke to her report. The chairman asked that a letter of thanks be sent to Tony LeBrun who is leaving Envirowaste and has been in charge of Council's waste contract since 2011. The Mayor offered to send this letter.

Resolved that the report be received.

Cr Cox/Cr Smith

SEALING PAST HOUSES REPORT:

The purpose of this report was to advise the Asset and Services Committee on issues with the current Sealing Past Houses Policy. Suzy Ratahi spoke on this. The Asset team will come back with a draft policy on dust suppression at a later meeting.

Resolved:

1. That the report be received.

Cr Williams/Mayor

2. That the Sealing Past Houses Policy be abandoned effective 1st September 2015 and Council staff be instructed to draft a new "Effective Dust Suppressant Policy" to be reviewed by the Assets and Services Committee.

Cr Smith/Cr Williams

The meeting adjourned at 11.02am for morning tea and reconvened at 11.15am. Suzy Ratahi left the meeting at 11.02am.

TWIZEL WWTP UPGRADE – ALTERNATIVE LAND DISPOSAL AND COSTS:

The purpose of this report was to provide the Assets and Services Committee with an update of the disposal options for the Twizel waste water treatment options in light of recent estimates based on the completed designs.

Cr Smith questioned the costs of the project. The chief executive said there is an option for staging the work to reduce the cost and it would be worth looking at. This would put the job within budget.

Cr Cox questioned whether the design was appropriate. Are we accepting a sub-standard design because of the price and is it being peer reviewed? The chief executive said it has not been peer reviewed. Regarding the design, the chief executive said the permeability of the ground made the most difference on the price. An infiltration test showed infiltration rates were higher than expected so area required was less. Utilities manager Geoff Horler said the option of using basins made maintenance easier in the long term.

Resolved:

1. That the report be received.

Mayor/Cr Cox

2. That Option 1 be confirmed as the method of effluent disposal for the Twizel Oxidation Ponds

Mayor/Cr Cox

The meeting adjourned for lunch at 11.34am and reconvened at 12.39pm.

PUBLIC EXCLUDED:

Resolved that the public, be excluded from the following part of the proceedings of this meeting namely:

1. Tender for the drive booster shed construction and pump installation.
2. Public excluded minutes Asset and Services July 23.
3. Public excluded minutes Asset and Services August 11.

General subject of each matter to be considered	Reason for passing this resolution in relation to each matter	Ground(s) under section 48(1) for the passing of this resolution
Tender for the drive booster shed construction and pump installation.	Commercial Sensitivity	48(1)(a)(i)
Public excluded minutes Asset and Services July 23	Enable commercial negotiations	48(1)(a)(i)
Public excluded minutes Asset and Services August 11	Enable commercial negotiations	48(1)(a)(i)

This resolution is made in reliance on Section 48(1)(a)(i) of the Local Government Official Information and Meetings Act 1987 and the particular interest or interests protected by Section 6 or Section 7 of that Act, which would be prejudiced by the holding of the whole or the relevant part of the proceedings of the meeting in public are as follows: *Tender for the Drive booster*

shed construction and pump installation under section 2(b)(ii) , Public excluded minutes July 23 and August 11 under section2(i).

Mayor/Cr Smith

The Asset and Services Committee resumed in open meeting.

**THERE BEING NO FURTHER BUSINESS THE
CHAIRMAN DECLARED THE MEETING CLOSED AT 12.56pm**

CHAIRMAN: _____

DATE: _____

Unconfirmed

MACKENZIE DISTRICT COUNCIL

REPORT TO: ASSETS AND SERVICES COMMITTEE

FROM: ASSET MANAGER

SUBJECT: ASSET MANAGER'S MONTHLY REPORT

MEETING DATE: 13th OCTOBER 2015

REF: WAS 1/1

ENDORSED BY: CHIEF EXECUTIVE OFFICER

REASON FOR REPORT

To update the Assets and Services Committee on the progress on various projects and also the normal operation of the department for the past month.

RECOMMENDATION:

1. That the report be received.

BERNIE HAAR
ASSET MANAGER

WAYNE BARNETT
CHIEF EXECUTIVE OFFICER

UTILITIES

Project Update:

Twizel Water Treatment Upgrade

The treatment and supply was commissioned during the first week of October. The system allows for the water for the township to pass through two filtering processes before being treated by ultraviolet light. It was planned to reduce the chlorine dose rate slowly to ensure that everything is working correctly, then shut it down but have it available as a backup if it is ever need due to a failed water result.

However over the weekend of the 3rd and 4th October the filters blocked (see photo below) with green algae. The speed of this occurring was a little unexpected even though it had shown up in the initial cartridge trials we had carried out earlier. You may recall that when raw water direct from the pumps was run through the test rig there were no issues.



It was always expected that there would be some issues with the algae from the reservoir and the way to solve this problem is to re-line and cover the reservoir. It is recommended that this work be completed as soon as possible. Budget has been allowed for this work this financial year, in the meantime the cartridge filter process has been shut down and by passed.

Estimated cost to re-line the reservoir is \$70,000 to \$110,000 depending on the system used.

Estimated cost to cover the reservoir is \$180,000 to \$288,000 depending on the system used.

With the treatment plant near completion this will mean that it is the first of the SCADA sites to come on line. So staff will be able to see how the treatment plant is performing in real time. It will also log and save the data to help with future planning and compliance issues.



The series of photos show the plant complete.

It was very noticeable from data that has been collected that the pump hours in the Twizel treatment plant increased quite a bit over South Canterbury anniversary weekend.

The Giardia and Cryptosporidium testing of Fraser stream has been progress well it is approximately half way through the testing and there has been no test that show there is any present of Giardia or Cryptosporidium.

The Drive Inline Booster Pump

Good progress is being made on the booster pump shed for The Drive. The building is all but finished just some touch up need to be done. Pumps are in place just need to be plumbed in. We are working with Alpine Energy to get the power supply connected, however due to recent weather events this could be delayed. Pressure is being applied to ensure this system comes on line before the big water demands of summer.

Twizel and Fairlie Water Main Replacements

Documents are being prepared for the tendering of pipe replacement programme in Twizel this is still a work in progress. Also need to get documents prepared for the Fairlie pipe replacement so that the work can be tendered as soon as possible.

Twizel Waste Water Disposal Upgrade

BECA will be lodging the new consent with ECAN for the Twizel waste water disposal for the upgrade that is being planned. Final design has now been completed. It is hoped that construction will start in the autumn of 2016.

Tekapo Reservoir Re-line

This project is planned for the autumn of 2016. We have a quote for the supplier to complete the works. This is being confirmed prior to acceptance. There are a couple of operational issues to be sorted to allow bypass of the reservoir during the two weeks required to complete the works.

Budget Breakdown

Water:

End of August the Operation and Maintenance expenditure. Electricity cost \$12,269 is on budget. Contractors \$37,540 is over budget. Water quality monitoring \$3,764 is on budget.

Wastewater:

End of August the Operation and Maintenance expenditure. Electricity cost \$4,414 is on budget. Contractor \$14,294 is on budget. Consent monitoring \$790 is on budget.

Storm water:

End of August the Operation and Maintenance expenditure. Contractor \$635 is on budget. Consent monitoring \$365 is on budget.

ROADING

General Maintenance

The wild spring Nor'westers have hit, but luckily any at risk trees had already been damaged in the snow fall had come down resulting in less than usual numbers of trees down.

However, unsealed road inspections are showing many roads are becoming overly dry and wearing courses are starting to unravel. The Roads came out of winter well on the whole, with no issues on the section of Lilybank Road from State Highway to the Skifield turn-off,

the same cannot be said to the section past here to Lilybank Station, there were significant areas of frost heave, which will require thick wearing course treatment. Council staff worked with the roading contractor Whitestones, to develop a table in RAMM to capture data in relation to frost heave, results of which can be seen here. Purple sections are where the section is considered to have unsuitable subgrade visible, so will likely heave in future years and the Pink areas are where the heave is at unsafe levels as it steers the vehicle. Blue is impassible in a 2wd to vulnerable road users. The most significant failures can be seen here with various other roads requiring similar, albeit shorter treatments.



Braemar Road – Frost heave approximately 5km will need a thick wearing course application.



Lilybank Road – Approximately 4km of wearing course required



Manuka Terrace - Approximately 2km of wearing course is required

Minor Improvements

No site works have begun yet on minor improvements, but we are on track to have all projects completed by the end of construction season and the full budget expended.

Minor Improvements targeted for this financial year are as follows;

O'Neill's Road Traction Seal with SH8 – Due to be completed by January 2016

Lake Tekapo School Active Warning Signs – Signs to be installed in early October

Stoneleigh Road Site Benching

Whiteman Road Site Benching

Lilybank Road Curve Re-alignment

Lilybank Road Traction seal joining existing seals RP2050-2300m – Obtaining Pricing

Environmental Maintenance

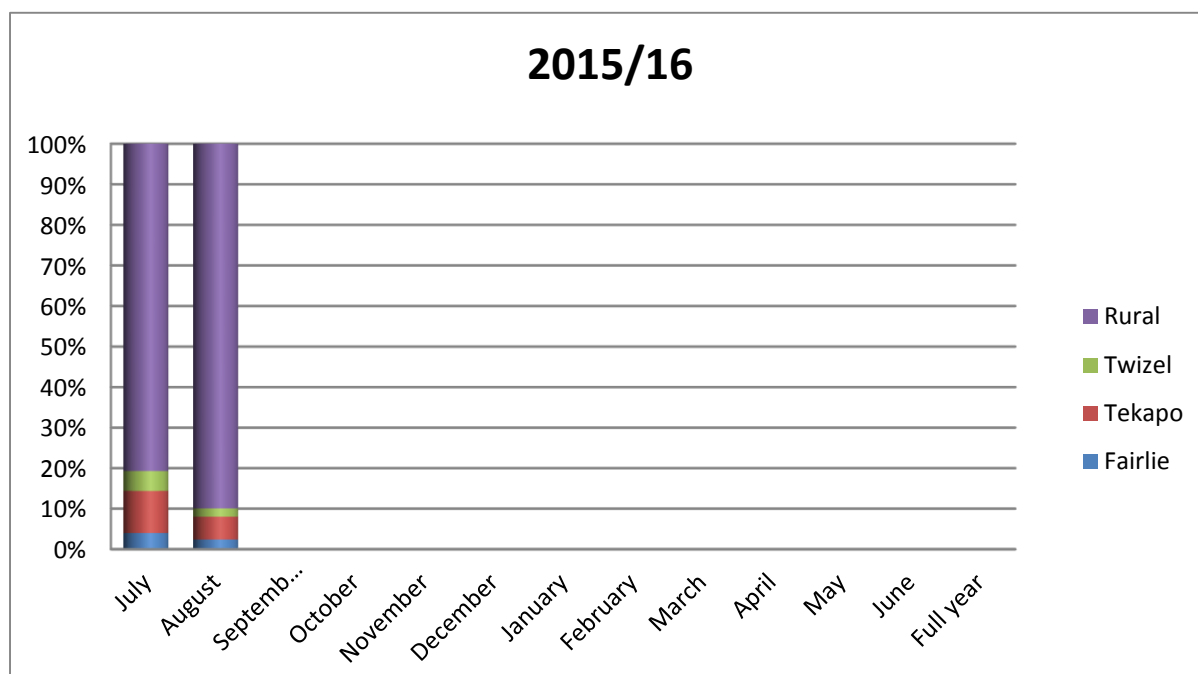
Total spend to date is \$25,674.50 for 2015/16 snowfall (not associated directly with the June snow event), gritting and roadside spraying and \$25,792.27 in gritting/tree clearance/Pavement repairs directly associated with the June snow event.

Collaboration Update

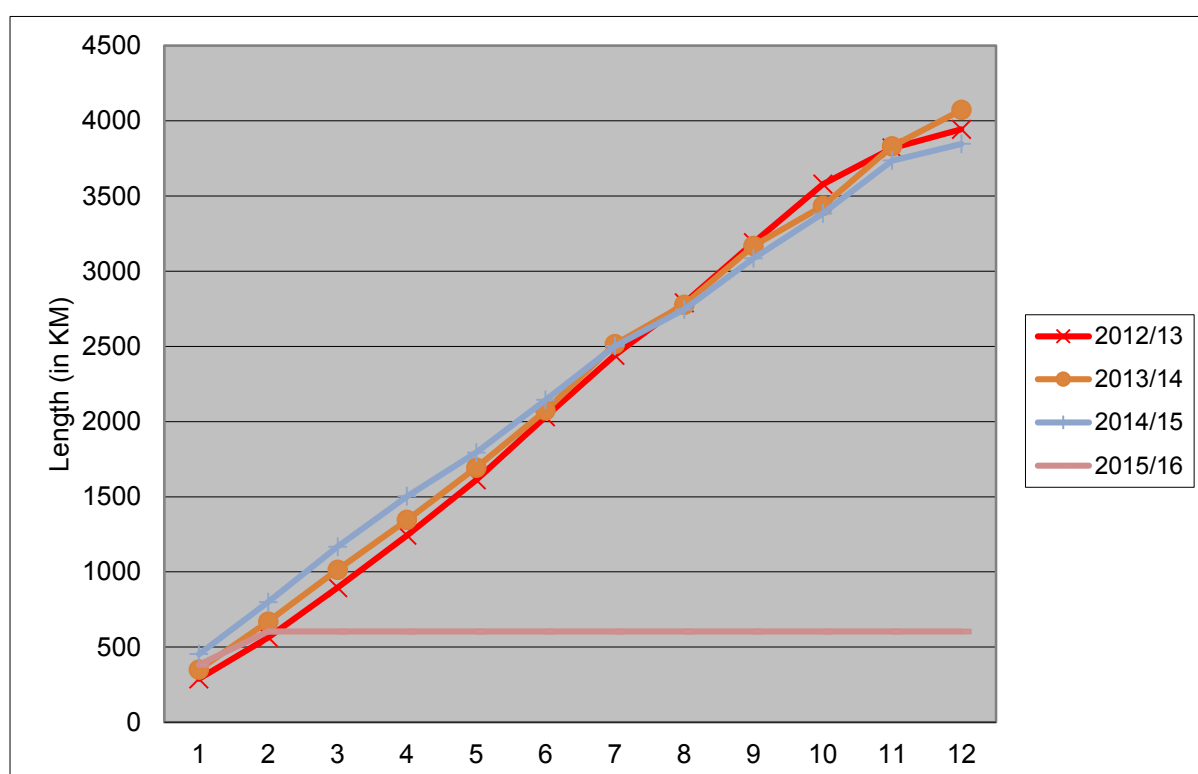
Contract 1222, *“Road Network Operation and Maintenance 2015-2020”* tender period has now closed and the tender evaluation team have spent the last 3 weeks reading, scoring and listening to contractor presentations. At the time of writing this report there are two meetings proposed to enable obtaining a group consensus of non-attribute scores. Once this process is confirmed the tender evaluation team will open the price envelopes and start calculating the supplier quality premiums and obtain the preferred tenderers. A tender evaluation report will be prepared for the C.E.O group and then a full report will be presented to each Council on the 27th of October. The successful tenderer for each contract will then be advised and work will begin on establishing a common RAMM Contractor set up for all four Councils. This will assist in sensible data capture and enable comparative benchmarking.

Total MDC cost to date for collaboration and benchmarking for the 2014/15 year was \$28,748.29. The running total for the 2015/16 year is \$16884.4 this includes finalisation of contract preparation, appendices assistance and part of the tender evaluation. This total excludes staff costs.

Amaglamated Road Budgets Graph Showing Percentage Share



Unsealed Road Grading (Cumulative)



SOLID WASTE

Education projects: home composting

Further promotion of the subsidised Bokashi home composting systems is underway. All 50 Earthmaker compost bins have now been allocated.

Recovery Parks

Wilding pine clearing is underway in the Tekapo RRP and further work is planned for the Twizel RRP and clean fill site.

Glass stockpile

Investigations into possible uses for the old glass stockpile in the Twizel clean fill site are underway. This is the old stockpile of glass that has not been added to in approximately two years. Use of this stockpile are limited due to contamination and crushing that has taken place.

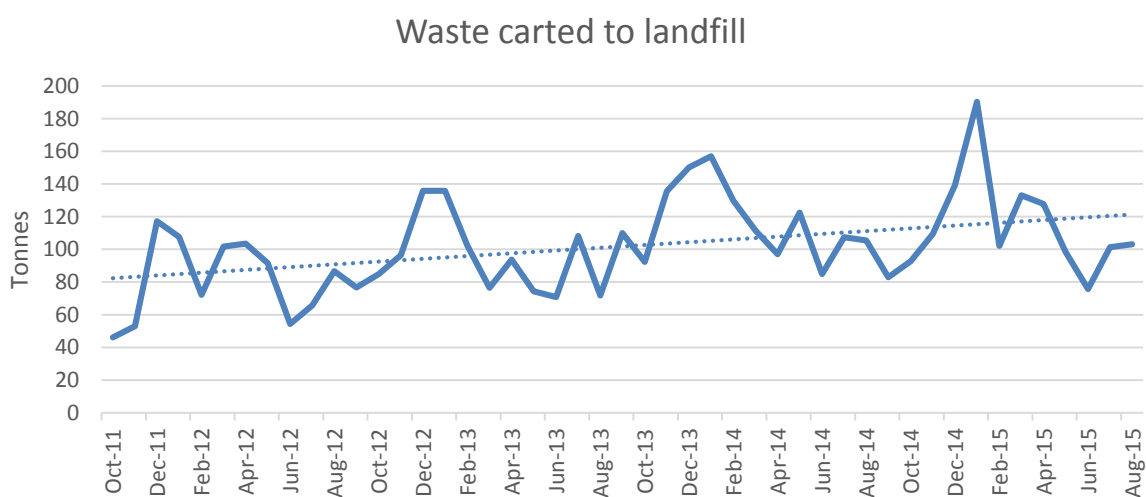
Operations

- Kerbside collections are now starting at the earlier time of 7am and will continue over the daylight savings period.
- Chipping of green waste and construction waste is planned to take place in a few weeks.
- Some early teething issues on the new recycling sort line have been dealt with. The sort line is continuing to allow more efficient sorting of recycling.

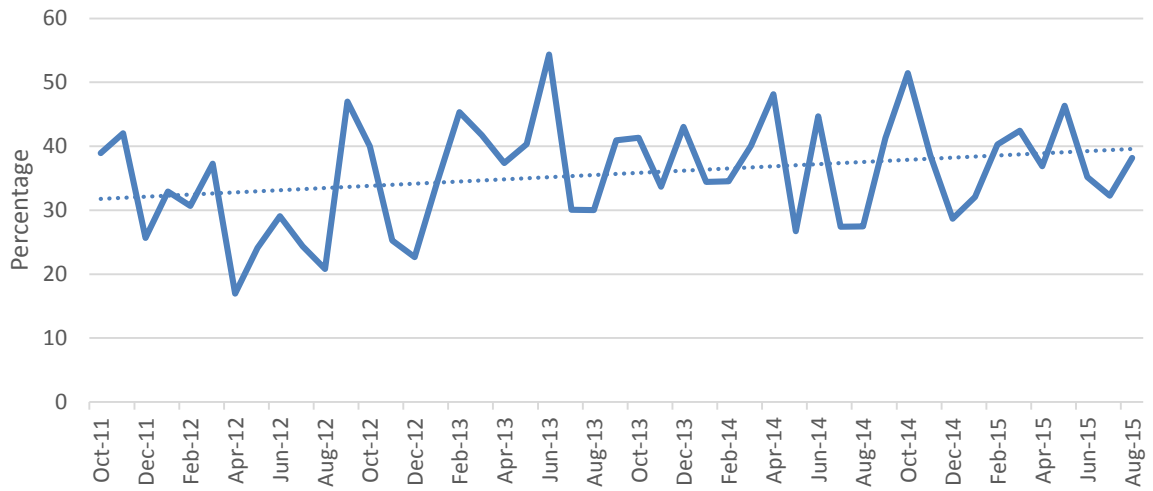
Envirowaste contract

Following the resignation of Tony le Brun, Envirowaste have taken the opportunity to review how they manage Council's contract. A new regional manager based in Timaru who will oversee the Mackenzie area has been appointed along with a new contract supervisor based in Twizel.

Envirowaste are also looking for more recycling sorters to maximise the efficient operation of the new sort line in Twizel.



Percentage of waste diverted from landfill



Percentage of RRP and kerbside recycling sent to landfill

