



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, April 28, 2016, following the
conclusion of the Finance Committee meeting.*

VENUE: Council Chambers, Fairlie.

BUSINESS: As per agenda attached

WAYNE BARNETT
CHIEF EXECUTIVE OFFICER



ASSET AND SERVICES COMMITTEE

Agenda for Tuesday, April 26, 2016

APOLOGIES

DECLARATIONS OF INTEREST

MINUTES:

Confirm and adopt as a correct record the minutes of the Asset and Services Committee meeting held on March 15, 2016. **3.**

REPORTS:

1. Asset Manager's Report to March (attached). **8.**

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, MARCH 15, 2016, AT 12.30PM

PRESENT:

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

IN ATTENDANCE:

Wayne Barnett, Chief Executive
Bernie Haar, Asset Manager
Suzy Ratahi, Roding Manager
Geoff Horler, Utilities Manager
Arlene Goss, Committee Secretary
Chris Hyde, Timaru Herald

APOLOGIES:

An apology was received from Solid Waste Manager Angie Taylor.

DECLARATIONS OF INTEREST:

There were no declarations of interest.

MINUTES:

Resolved that the minutes of the meeting of the Asset and Services Committee held on February 2, 2016, be adopted and confirmed as a correct 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.

Utilities manager Geoff Horler and Roding Manager Suzy Ratahi took their reports as read and answered questions from councillors.

Asset Manager Bernie Haar summarised the Solid Waste Manager's report. The table on page 20, titled "Contract Progress", is a new report that will come to each meeting.

TRANSPORTATION WORKSHOP SURVEY:

The purpose of this report is to provide the Asset and Services Committee with an opportunity to discuss the Transportation Workshop Summary Report prepared by Abley Transportation Consultants.

The chairman said the workshop highlighted the fact that all of the urban areas have similar traffic problems. Council needs professional advice on what to do to plan ahead and address these problems across the district. Growth will continue and we need to address these problems sooner rather than later. He said Abley were appropriate to do this. The quotation is very reasonable. The benefits to the community will outweigh the cost. The Mayor supported this.

Cr Cox expressed frustration that another report was being considered when he believed decisions needed to be made. He said previous work by consultants in Tekapo had not been helpful.

Cr Smith said rural roading had bridges and roads that needed work and these were not included in the scope of the study.

Discussion was held on the usefulness of a transportation strategy for the district. The Chief Executive said the benefit of using specialists to plan ahead was that it will give Council confidence to move forward on decision making.

Resolved:

1. That the report be received.

Mayor/Cr Smith

2. That Council engage Abley Transportation Consultants to develop a Transportation Strategy for the District.

Mayor/Cr Williams

The Mayor and Crs Leslie and Williams voted in favour of the motion. Crs Jackson, Cox and Armstrong voted against the motion. Cr Smith abstained from voting. The chairman used his casting vote in favour of the motion and the resolution was passed.

Cr Smith requested to add a resolution that rural bridges be included in the Transportation Strategy.

Resolved that rural bridges, including bridges servicing one land owner, be included in the Transportation Strategy.

Cr Smith/Cr Jackson

PROPOSED MANUKA TERRACE WATER SUPPLY:

The purpose of this report is to advise Council on the outcome of the recent public meeting regarding the possible provision of a public water supply for Manuka Terrace area and determine a way forward for this project.

The chairman said public consultation has taken place. Some saw the benefit of reticulated water at Manuka Terrace and others disagreed because they have already spent money on a water source. Further work is needed on how to distribute the costs of a scheme.

This report provides the background to the issues and suggests staff investigate further.

The Asset Manager said a water scheme at Manuka Terrace was still worth pursuing but time is needed to work through the issues of funding it over time and recovering the cost back. The Mayor said her view of the public meeting was that most people saw merit in having a reticulated supply at some time in the future. A comparison was made with the situation at Eversley Reserve in Fairlie.

The Mayor read an email from a Manuka Terrace resident saying he was putting off building on his land at Manuka Terrace until a reticulated water supply was available.

Resolved:

1. That the report be received.

Cr Williams/Cr Jackson

2. That the Council still considers this a worthwhile project and requests staff to investigate various funding options for Manuka Terrace.

Mayor/Cr Smith

TWIZEL CHLORINATION REPORT:

The intention of the report is to inform Council of the advantages and disadvantages of chlorination and the importance of maintaining chlorine residual in the Twizel reticulation system.

The Mayor said education of the Twizel community is needed to let people know the background to this issue. The chairman said after the new reservoir is filled and operating smoothly there is a need to work out how much chlorine is required and something needs to be published in the Twizel Update to let people know what is happening. Cr Jackson said some people believe you don't need chlorine and they need to be convinced in a way they can understand the reason behind it. He said both sides of the story need to be put out. Cr Smith said chlorine needs to be reduced and monitored.

Resolved:

1. That the report be received.

Cr Smith/Cr Armstrong

2. That chlorine residual is maintained at an appropriate level in the reticulation system and the public be kept informed of the pros and cons of chlorination of the Twizel water supply.

Mayor/Cr Smith

TEKAPO PUBLIC TOILETS:

The purpose of this report is for Council to discuss options around the proposed new public toilets at Tekapo and consider desired levels of service in relation to the new facilities.

Cr Cox said the report is trying to progress the building of new public toilets in Tekapo. The proposal is that the new toilets go into the western car park. This is marked on the map attached to the agenda. Exeloo build self-contained toilet blocks off site and transport them to the site and connect them to the services. This allows them to be moved later if needed. They can be self-cleaning, self-locking and you can use payment systems on them.

Cr Jackson asked what happens if the power goes out and you are locked either in or out of the toilets. Cr Cox said he will ask that question. Cr Smith asked how many people can stand at the urinal at one time. Cr Cox thinks about four or five. The chief executive read out the dimensions of the urinal from the plan.

Cr Cox said these would not be the only toilets available in Tekapo. There would be a smaller set of toilets in the eastern carpark and toilets at Lakeside Drive. Cr Cox would like to upgrade the Lakeside Drive toilets to include showers and paid facilities.

These Exeloo toilets are used in Picton and the Mayor was impressed with them when she visited that town.

Regarding the location, Cr Cox would like the person leasing the land next door to sign off the site of the toilets. This location is the least restrictive area in terms of planning the layout of the car park.

The Mayor questioned whether the Asset and Services Committee has the authority to approve the site, which is located on council land. It may need to go to full Council. The chief executive said the site is on road reserve and he will check this further. If the committee does not have the delegated authority it will come back to Council.

Resolved:

1. That the report be received.

Cr Jackson/Cr Armstrong

2. That the Asset and Services Committee approve the site identified as the preferred site for the location of the new public toilets.

Mayor/Cr Smith

3. That the Asset and Services Committee consider the Exeloo system as a means to providing public toilets in Tekapo.

Mayor/Cr Armstrong

4. That the Asset and Services Committee delegates the determination of the final costing and level of service to the chairman of the Asset and Services Committee, Cr Leslie, and also to Cr Cox, and that the final decision comes back to a meeting of full Council.

Cr Smith/Cr Armstrong

The Mayor requested that the Tekapo Community Board be informed of Council's direction. Cr Cox agreed this was necessary.

**THERE BEING NO FURTHER BUSINESS THE
CHAIRMAN DECLARED THE MEETING CLOSED AT 2.27PM**

CHAIRMAN: _____

DATE: _____

MACKENZIE DISTRICT COUNCIL

REPORT TO: ASSETS AND SERVICES COMMITTEE
FROM: ASSET MANAGER
SUBJECT: ASSET MANAGER'S MONTHLY REPORT
MEETING DATE: 16th APRIL 2016
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 updates:

Twizel Water Upgrade

The water treatment plant and reservoir reline are now complete. Water from the reservoir is now running through the new filters and UV units. There have been no issues with the operation since. There was a minor issue with the chlorine dosing where the town was over dosed over the weekend of 9-10 April. Investigations as to the cause are still being investigated.

Twizel Water Main Replacement

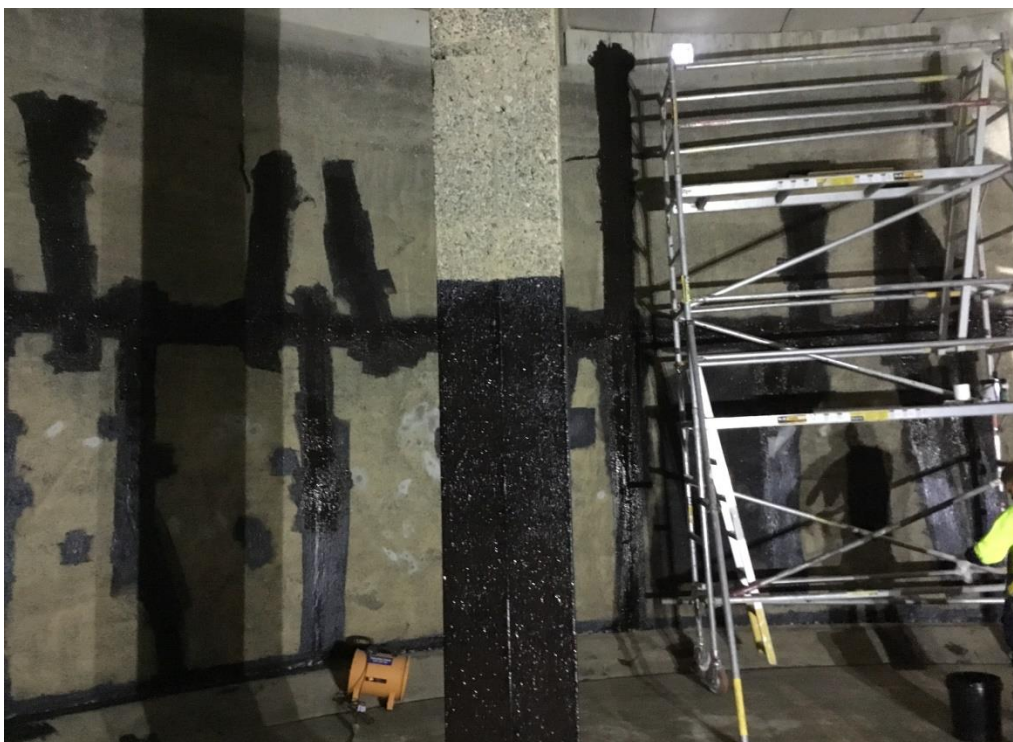
The water main replacement project in Twizel is well underway. Work began on Maryburn Road on April 14th, very good progress has been made. Maryburn Road, at the time of writing this report is almost complete with sterilising and pressure test set to take place. Once this section has past the test a start will be made on Mount Cook Street.

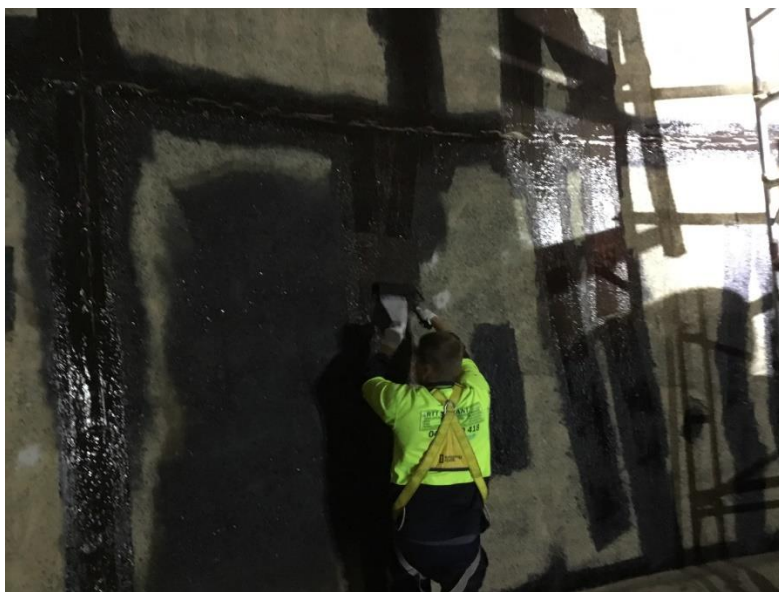
Twizel Waste Water Disposal Upgrade

There has been no more movement on this project since the last report.

Tekapo Reservoir Reline.

Sealing of the Tekapo reservoir was started on April 4th. The reservoir was water blasted and dried. Then the job of locating all the cracks and sealing them with geotextile cloth and the liquid rubber being brushed on began. There were more cracks than expected as can be seen from the photo provided. By the end of the week the walls had been fully spray coated with the liquid rubber. Only the floor remains to be done in the second week. On completion the reservoir will be left to cure for two to three weeks before filling with water. This is able to be achieved with the installation of the by-pass.





Tekapo Waste Water Disposal

The investigation of possible alternative disposal options is set to begin on April 18th.

Kimbel – Fairlie Water Main Replacement.

The first stage of this water main replacement is now completed and working well.

Fairlie Intake Investigation

This has been progressing well over the last year. Data to date looks promising.

SCADA

All three sewer pump stations in Tekapo will be connected to the scada system by the middle of May.

General

Apart from the normal number of reported leaks, all is running fine on the water supply schemes. There is an issue with the main pond at the Twizel waste water treatment plant of low dissolved oxygen levels which is causing a slight odour issue. Steps have been taken to correct the problem. Extra monitoring of the pond will be done until it is back to normal.

Budget Breakdown

Water:

End of February the Operation and Maintenance expenditure. Electricity cost \$71,726 is over budget by \$4,726. Contractors \$252,096 is over budget by \$110,364. This is due to the Kimbell line issues and toby replacements in Twizel. Water quality monitoring \$17,597 is over budget by \$997. This will be due to having to carry out retests.

Wastewater:

End of February the Operation and Maintenance expenditure. Electricity cost \$15,429 is under budget by \$2,486. Contractor \$88,374 is over budget by \$25,108. This was due to sewer spills in the three townships. Consent monitoring \$3,754 is under budget by \$7,629.

Storm water:

End of February the Operation and Maintenance expenditure. Contractor \$10,790 is under budget by \$3,810. Consent monitoring \$341 is under budget by \$1,259.

ROADING

General Maintenance

It has been a busy time for completing renewals, with both the sealed road resurfacing and three pavement rehabilitations completed at the time of writing this report. The re-metalling programme has started with the areas most subjected to frost heave targeted as a first priority, hopefully this will ensure a more resilient network that provides for access to most vehicle types for much of the year.

We have targeted the sections most susceptible to failure and as a result the majority of our other unsealed roads have been left without the required top up of maintenance metal. That combined with the hot dry summer we have had has resulted in the underlying pavement coming through and the running surface unravelling. Time has been spent recording the location and severity of this, which will help tell our investment story and also begin to form next few years' priorities for the re-metalling programme.

Following discussions with NZTA, Council staff have put in a cost scope adjustment for the maintenance, operations and renewals programme in attempt to deal with the back log of resurfacing, re-metalling, sealed pavement rehabilitation needs and the LED lighting upgrades. This increase, if approved, will see the matching of funds already committed by Council under the LTP process. Staff met with NZTA representative on the 11th and the 12th of April to review the programme, NZTA have requested further information to allow them to make an informed decision to approve or not the extra funding request. The required data is around capturing true traffic loadings on our network and providing further modelling and risk analysis for our sealed pavement renewals. Staff are currently investigating options available and are working on achieving a robust traffic counting programme in-house.

The data we have on our unsealed roads provides a very valuable review of our maintenance and renewal needs. There is a small amount of work required to bring this into a tabular format and provide NZTA with costings to justify the increases requested. This project is currently being worked through and staff hope to have this submitted to NZTA for review this month. The time spent with NZTA on driving the network was invaluable and there was much discussion, debate and many lessons learnt on both sides. Hopefully all participants went away with a greater appreciation of the challenges faced by the Mackenzie roading network.

Collaboration Update - Road Infrastructure Management Forum – Rotorua March 2016

The Roding Manager attended the RIM's forum in March 2016 and co-presented "Collaboration - The Mid-South Canterbury Experience" with Ashley Harper, Group Manager District Services at Timaru District Council. It was a fantastic opportunity to share our experiences in implementing a big project within four different Council environments all with unique challenges and also some common drivers. There were approximately 220 delegates with a high percentage of these Local Authority representatives. There was a great deal of interest in the documentation writing process and the conditional tender award. The "Contractor" magazine published in its latest issue, a very complimentary article on the conference and our presentation.

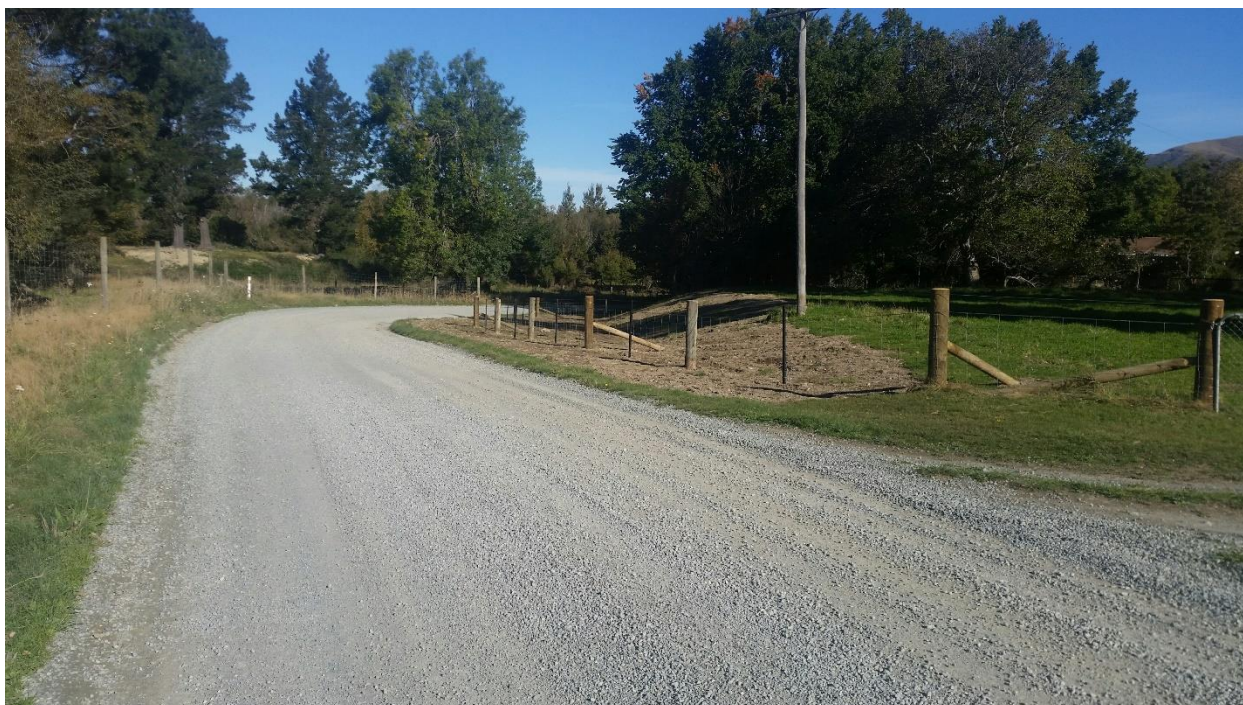
Environmental Maintenance

Total spend to date is \$117,911, 2015/16 snowfall (not associated directly with the June snow event), gritting and roadside spraying, and mowing and an extra \$65,780.18 in gritting/tree clearance/pavement repairs directly associated with the June snow event.

Minor Improvements

Minor Improvements targeted for this financial year are as follows;

Stoneleigh Road Site Benching – Completed



Whiteman Road Site Benching - Completed

Lilybank Road Curve Re-alignment – Completed

Lakeside Drive Timber Faced Guardrail protecting run off area (200m Long) Programmed

O'Neill's Road Traction Seal with SH8 – Completed

Lake Tekapo School Active Warning Signs – Now installed

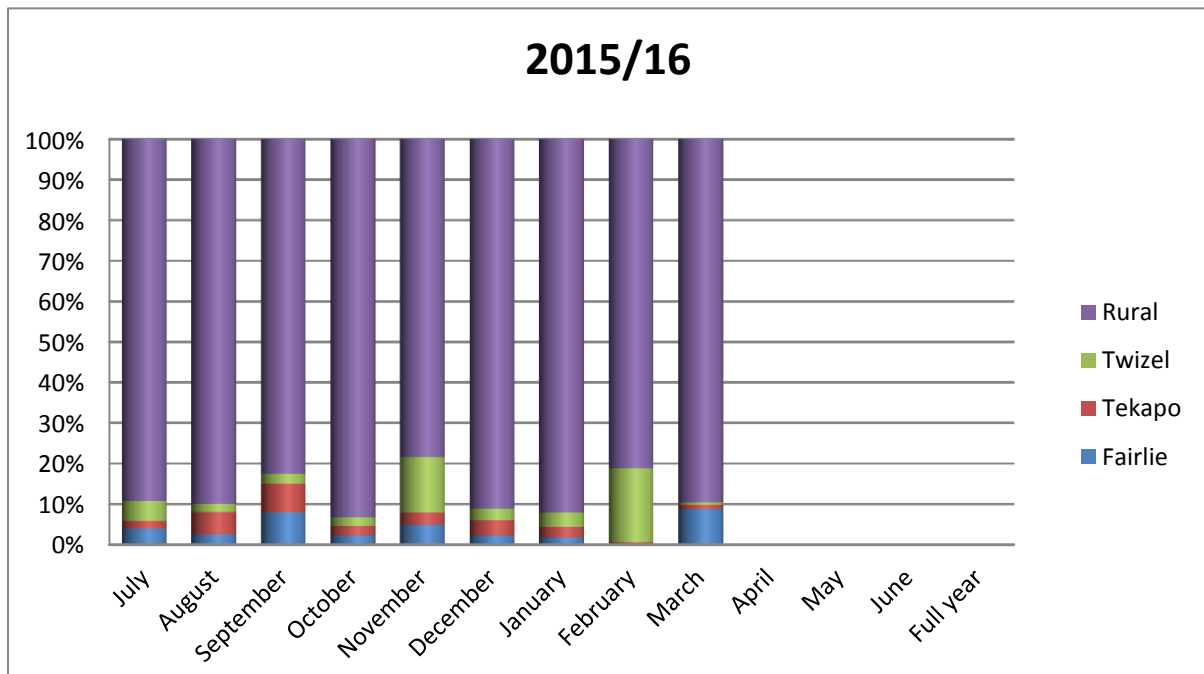
Hamilton Road Traction Seal with Clayton Road – Completed

Lakeside Drive small shoulder widening – on hold pending Transportation Strategy

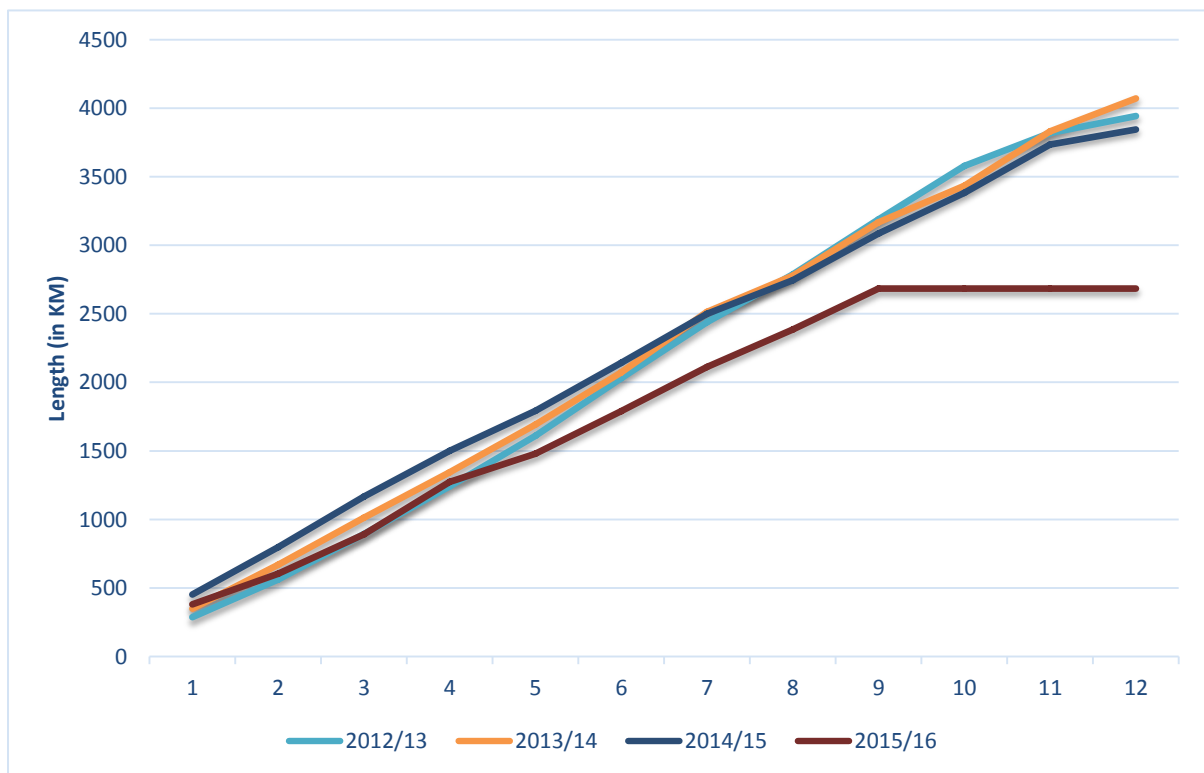
Lilybank Road Traction seal joining existing seals RP2050-2300m – Delayed until 2016/17

Fox View Road

The Fairlie Community Board recently debated the dust nuisance on Fox View Road and passed a resolution requesting Council consider sealing approximately 120 metres back from the State Highway intersection. The indicative cost to seal this section with a 7.0 metre carriageway is around \$60,000. There is no budget allowed for this work either in 2015/16 or 2016/17. It would also not attract subsidy from NZTA, so if the council is of a mind to carry out this work either have to fund the work un-budgeted or allow for the project in the 2018/28 LTP.



Unsealed Road Grading (Cumulative)



SOLID WASTE

Education

Paper 4 Trees

Nine of our schools and preschools in the Mackenzie are involved in Paper 4 Trees. This programme rewards recycling efforts with native trees and is the largest school-based recycling programme in the country with over 4000 school and preschools currently participating. The local schools involved are: Albury School, Aoraki/Mount Cook School, Cannington School, Fairlie School, Lake Tekapo School, Mackenzie College, St Joesph's School, Twizel Area School and Twizel Early Learning Centre.

During the 2014 school year, our schools and preschools have:

- Recycled 15.28 tonnes of paper and cardboard – that's approx. three elephants
- Saved 122.24m³ of landfill space – that's equal to three shipping containers
- Prevented 82.51 tonnes of carbon from being created in landfill – this is enough carbon dioxide to fill approx. 8,251,000 party balloons

To recognise this great recycling, Paper4Trees has provided Mackenzie schools and preschools with 69 native trees for the 2014 year.

Glass stockpile

The glass stockpile has now been shifted to Road Metals site in Twizel. The stockpile, which equated to a total of 2687.06m³ of glass, will now be crushed and utilised in roading material. This project was funded by the Glass Packaging Forum and the waste levy provided to the Council from the Ministry for the Environment. The bulk of the funding come from the Glass Packaging forum, who provided a total of \$46,311.48 ex gst. The support of the forum has been invaluable in utilising this glass.

Current glass collections

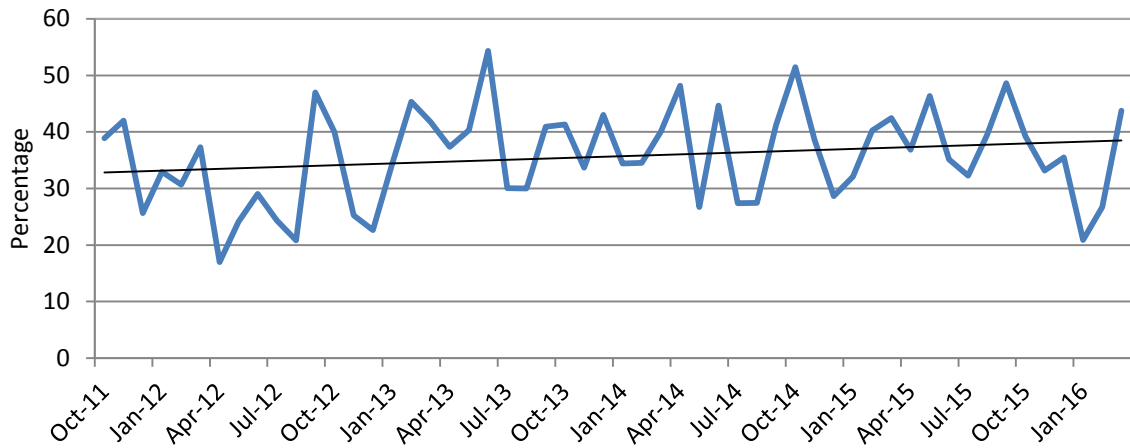
Until recently, all Council glass collections were transported to EcoCentral in Christchurch for recycling. EcoCentral have recently advised they can no longer accept glass from the Mackenzie due to an increase in volumes from more local areas. Envirowaste have arranged for current glass collections to be transported to Fulton Hogan in Timaru for use in roading material.

Asbestos

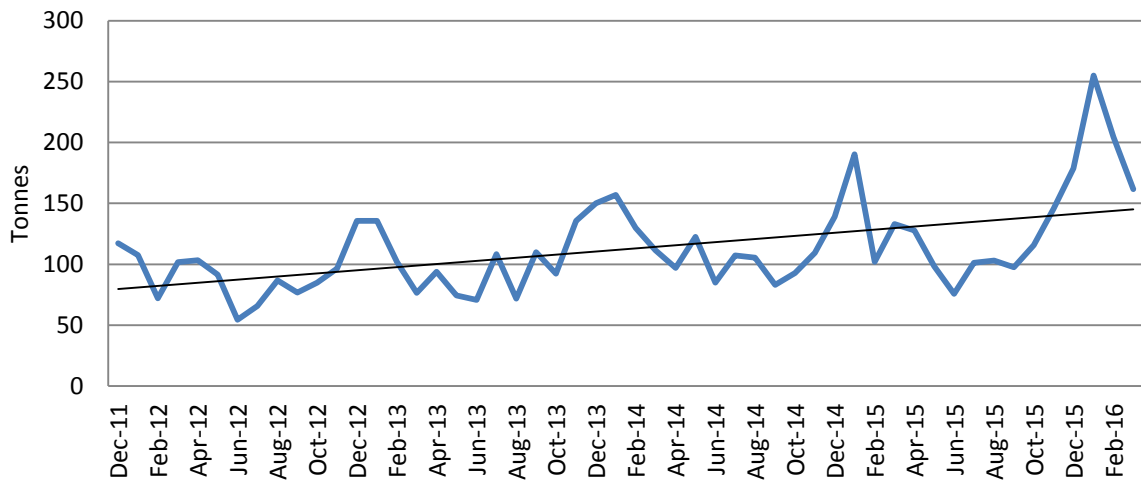
Asbestos is not currently accepted at any of the recovery parks in the district. It is recognised that asbestos is a common material in Twizel dwellings and garages from the hydro era and that renovations to these buildings results in a need for asbestos disposal. Currently, the closest disposal location is Redruth Landfill in Timaru.

Work is underway to set up an asbestos disposal option at the Twizel Resource Recovery Park. This is likely to involve the sale of plastic bags that are specifically designed to safely contain asbestos to the required standards. These bags will then be transported to landfill and disposed of appropriately. Asbestos disposal will be available following confirmation of costs and contractor training.

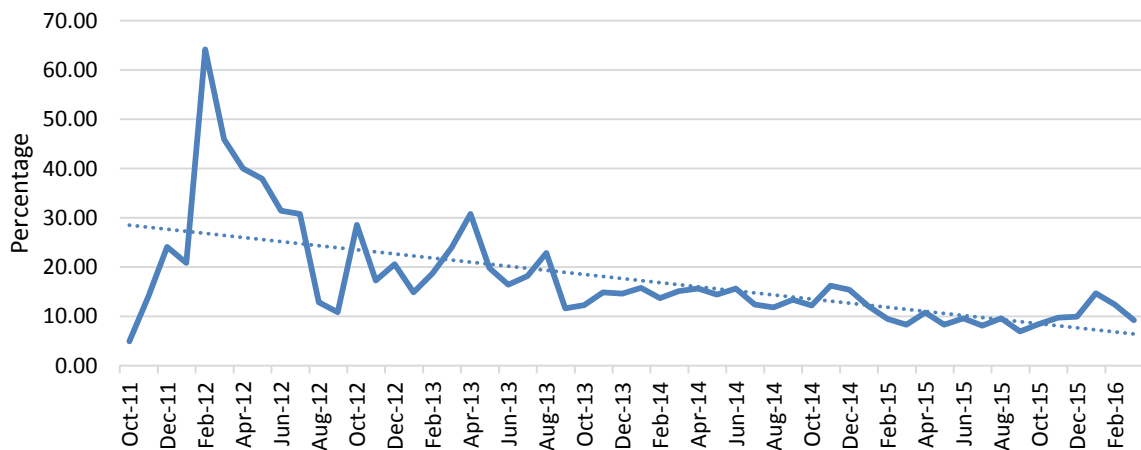
Percentage of waste diverted from landfill



Waste carted to landfill from the Mackenzie District



Percentage of RRP and kerbside recycling sent to landfill



Contract Progress

Contract - 1226	Shared Service - Re-Surfacing
Tender Acceptance	August 2015
Site Possession	October 2015
Construction Period	Two Years
Contract Value	\$8,478,267.30
Health & Safety	Nil
Progress Payments	Payment #1 Issued 16 th December 2015 - \$344,623.08 Payment #2 Issued 31 st January 2016 - \$304,700.38
Variations	Nil

Contract - 1227	Twizel Water Supply Reservoir Relining and Cover
Tender Acceptance	25 th November 2016
Site Possession	9 th February 2016
Construction Period	To be Nominated
Contract Value	\$195,812.65
Contract Status	Complete
Health & Safety	Nil
Progress Payments	\$181,973.38
Variations	Nil

Contract – 1228A	Twizel Watermain Replacement 2016
Tender Acceptance	22 nd December 2015
Site Possession	10 days after award
Construction Period	12 weeks
Contract Value	\$362,443.51
Health & Safety	Nil
Progress Payments	\$121,846.28
Variations	Nil