



## **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, September 2, 2014, following  
the completion 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, September 2, 2014

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### APOLOGIES

### DECLARATIONS OF INTEREST

### MINUTES:

Confirm and adopt as a correct record the minutes of the Asset and Services Committee meeting held on Thursday, July 24, 2014, including those matters taken in public excluded.

### REPORTS:

1. Asset Manager's Monthly Report (attached).
2. Warren Leslie Invoice for Fencing (attached).

### PUBLIC EXCLUDED:

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

1. Previous minutes of the Asset and Services Committee meeting on July 24, 2014.
2. Road Maintenance Management Contract 1186 (attached).

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
Previous minutes July 28, 2014.	Enable Commercial Negotiations	48(1)(a)(i)
Road Maintenance Management Contract 1186	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: *Previous minutes of the Asset and Services Committee and Road Maintenance Management Contract under section 7(2)(i).*

### RESOLUTION TO RESUME OPEN MEETING

### ADJOURNMENTS:

10.30am: Morning Tea

12.00pm: Lunch

## **MACKENZIE DISTRICT COUNCIL**

### **MINUTES OF A MEETING OF THE ASSET AND SERVICES COMMITTEE HELD IN THE COUNCIL CHAMBERS, FAIRLIE, ON THURSDAY, JULY 24, 2014, AT 3PM**

#### **PRESENT:**

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

#### **IN ATTENDANCE:**

Wayne Barnett (Chief Executive Officer)  
 Bernie Haar (Asset Manager)  
 Garth Nixon (Community Facilities Manager)  
 Geoff Horler (Utilities Manager)  
 Suzy Ratahi (Roothing Manager) – from 3.28pm  
 Arlene Goss (Committee Clerk)

#### **APOLOGIES:**

An apology was received from Cr Murray Cox and from Roothing Manager Suzy Ratahi for lateness.

#### **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 June 12, 2014, including those parts taken in public excluded, be confirmed as an accurate record.

**Claire Barlow/Russell Armstrong**

#### **SUB COMMITTEE MINUTES:**

Resolved that the minutes of the Allandale Water Supply Committee meeting on July 3, 2014, be received.

**Claire Barlow/Graham Smith**

#### **REPORTS:**

##### **ASSET MANAGERS MONTHLY REPORT – JULY 2014:**

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

The following matters were included in the discussion of this report:

The Fairlie Water Supply turbidity meter will be installed shortly.

A report has been received regarding the covering of the reservoir in Twizel and this is attached to the agenda. This is not budgeted for in the coming year.

The Water Safety Plan has been approved by the Ministry of Health, which makes us compliant with drinking water standards.

Recent snow in Tekapo and Braemar was cleared from roads.

Regarding the bridge replacement programme council has engaged Opus to draft a document to apply for consent and this should be lodged on August 1. Council is pushing hard to spend this money before July 30 next year, which is the end of the financial year.

The delay in the bridge replacement programme is because Environment Canterbury's Land and Water Regional Plan will allow council to demolish and build bridges as an allowed activity, so council has been waiting for this to pass into law. Ngai Tahu has appealed the plan and there is no indication when this will be resolved. The current Natural Resources Regional Plan makes this activity "non-complying". Council has decided not to wait but to apply for consent.

A list of minor improvement projects is provided in the report. There was discussion on the former Roding Committee of council which lapsed at the last election and has not been re-established.

Regarding the lighting upgrades listed in the minor improvements list, Bernie Haar said council has been considering when to move to LED street lights. He is currently looking at a new product and will put two of these lights outside the community hall in Tekapo to see if they are appropriate. Consultation will take place with the Dark Skies Association.

Cr Smith asked regarding a policy for bridge replacement when a bridge only serves one property owner. Bernie Haar said this issue needs to go into the long term plan and a list of these bridges needs to be prepared for further discussion.

Geoff Horler reported on a consent issue with Environment Canterbury regarding discharge from the sewerage ponds at Tekapo onto land. He is investigating other means of disposal. One solution may be to use land above the ponds, but whatever council does it needs to be in a way that does not impact on the public.

*Roding Manager Suzy Ratahi joined the meeting at 3.28pm.*

Regarding the breakages in the Fairlie Allandale water pipe, council has been asked to approve unbudgeted expenditure to fix a section of pipe that keeps breaking.

Cr Smith asked if it was possible to reduce the water pressure in Fairlie and reduce blowouts. No, the pressure is low enough already.

In Twizel the trial of new filters is underway to see how long the filters last. Cr Armstrong asked when the filter system would be up and running. Just waiting on some parts. Geoff Horler will find out and let him know.

Cr Williams asked who the neighbours are near the Tekapo sewerage ponds. They are Meridian, Genesis and DOC.

Regarding solid waste, Bernie Haar said green waste has been mulched and it's going well. There is an issue with flax and steel in the green waste affecting

the mulcher. This needs public education. ESL have not constructed the new recycling facility yet. Solid waste manager Angie Taylor is due back to work in three weeks, following her maternity leave.

Resolved that the report be received.

**Russell Armstrong/Evan Williams**

#### ROAD SAFETY COORDINATOR ANNUAL REPORT:

The purpose of this report is to provide the Asset and Services Committee with an overview on road safety, crash trends, and social costs in the Mackenzie District for the 2013/14 financial year. This report has been prepared by Daniel Naudé, Road Safety Coordinator for South Canterbury.

Council pays Timaru District Council about \$16,000 a year for road safety activity and this report indicates the work being doing in this area. Bernie Haar said the crash trends are interesting and there are few serious crashes on any local roads, except the ones you would expect.

Funding of road safety has been affected by the FAR review, so Council will need to find another \$1,000 to \$1,500 to make up the difference.

Cr Smith asked if the road safety reports are used by staff. Roading manager Suzy Ratahi said she looks at the reports for data on crashes. If there are concerns about a road, the data is helpful in accessing funding for repairs.

Cr Leslie noted that poor handling and single car events are the most common type of accident. This relates to cars driving off the road.

Resolved that the report be received.

**Graham Smith/Evan Williams**

#### UNBUDGETED EXPENDITURE ALLANDALE WATER SUPPLY:

This item is asking the committee to approve the spending of unbudgeted funds of \$12,000 to renew a water main in the Allandale water scheme that has had several failures in recent months.

Water manager Geoff Horler said a section of line at Allandale has cost \$9,000 this year to repair, due to poor quality construction and lower pressure rated pipe being used. The best option is to replace this section with better pipe. The cost will come out of Allandale's finances and will be addressed in their water charges.

Resolved:

1. That the report be received.

**Claire Barlow/Russell Armstrong**

2. That the committee approves the unbudgeted expenditure for the work to be carried out.

**Evan Williams/Graham Smith**

*Bernie Haar, Geoff Horler and Suzy Ratahi left the meeting at 3.52pm.*

**PUBLIC EXCLUDED:**

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

1. Previous minutes of the Asset and Services Committee meeting on June 12, 2014.
2. Contract 1214 Township Maintenance (attached).

<b>General subject of each matter to be considered</b>	<b>Reason for passing this resolution in relation to each matter</b>	<b>Ground(s) under section 48(1) for the passing of this resolution</b>
Previous minutes June 12, 2014.	Commercial sensitivity	48(1)(a)(i)
Contract 1214 Township Maintenance	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: *Previous minutes of the Asset and Services Committee June 12 under section 7(2)(b)(ii), and Contract 1214 Township Maintenance under section 7(2)(i).*

**Claire Barlow/Graham Smith**

*The Asset and Services Committee continued in open meeting.*

**THERE BEING NO FURTHER BUSINESS THE  
CHAIRMAN DECLARED THE MEETING CLOSED AT 4.04PM**

**CHAIRMAN:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

## **MACKENZIE DISTRICT COUNCIL**

**REPORT TO:** ASSETS AND SERVICES COMMITTEE

**FROM:** ASSET MANAGER

**SUBJECT:** ASSET MANAGER'S MONTHLY REPORT

**MEETING DATE:** 2<sup>nd</sup> September 2014

**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**

## **ASSET MANAGEMENT**

### **PROJECT PROGRESS**

#### **Projects - Water Supply Programme**

##### **Fairlie**

The pipe work for the long term turbidity monitoring is in place and monitoring has commenced.

##### **Twizel- Proposed upgrade to meet DWS**

The table below sets out the work progress and decisions required.

<b>Item</b>	<b>Outcome</b>
<b>1) Replacement Twizel Wellfield Pump</b> This is a Goulds, Type 11- CNLC-1	Completed
<b>2) Twizel Water Alkalinity and pH Adjustment</b> The Asbestos Cement water pipe network is deteriorating from the inside with large scale replacement required from about 2020. As part of the water supply improvements it was appropriate to consider whether pH adjustment would extend the life of the AC pipe	Completed
<b>3) Twizel Reservoir Liner Replacement</b> The current liner is showing areas of deterioration. With the reservoir it was necessary to consider the life of the existing liner and what technically would be required to replace it, Is leakage through the embankment from the damaged areas of liner visible? If so, could a temporary repair be made? What is anticipated remaining life of the liner? If liner replacement is to proceed, when would it be programmed?	The report has been completed for the liner replacement and the possible covering of the reservoir. Will be considered as part of the 2015-25 LTP and also by the Twizel Community Board.

<p><b>4) Twizel water - Bench scale testing of 1um cartridges for turbidity removal</b></p> <p>As mentioned in the Water Supply Options report, Cartridge filtration is the most economic form of filtration for achieving log credits and has the advantage of not requiring the use of coagulants (with the resulting problem of waste disposal). However, cartridge filtration requires clean source water.</p> <p>Testing of 1um cartridges will be needed to gain information on the life of the cartridges and also whether they will remove sufficient small sized turbidity. A test set-up will be installed in the pump room with the sample taken downstream of the 25 um mesh filter.</p>	<p>The tapping has been undertaken on pipework fitted. The Filtec cartridge equipment had pressure gauges included. Turbidimeter now being fitted.</p> <p>Whitestone Contracting have been advised of the importance of completing the record sheets.</p>
<p><b>5) Twizel water — Possible alteration of Screens (Log credit reduction)</b></p> <p>The three screens per well have been positioned to correspond with areas giving the highest flow rates. The screens are located at depths 5.2-7.0m, 9.5-11.3m, and 13.7-15.5m. Pump intake was positioned immediately above the lowest screen so that water would flow over the motor casing to effect cooling. Video of the No. 1 well shows maximum blockage of the screens at the lowest screen. Moderate blockage of top screen, least blockage at centre screen. It is not known if screening below 10m would allow sufficient flow to be extracted from the wells. Camera inspection of No. 2 Well to be arranged.</p>	<p>The vacant well was videoed recently but due to the amount of rust and sludge on the well casing the screen will be cleaned by brushing or jetting and then re-videoed.</p> <p>Well casing has been water blasted. Waiting to now to do another CCTV run.</p> <p>No.2 bore screens have been water-blasted. Will need to pump out water to waste before camera inspection as the turbidity in the water is too great and will not settle out. Small submersible pump may be used. The camera inspection firm may have a suitable pump. Geoff to arrange.</p>
<p><b>6) Twizel Water PHRMP</b></p> <p>Therefore must be submitted to DWA no later than mid-May 2014.</p>	<p>The Water Safety Plan for the Twizel water supply has been approved by the Ministry of Health.</p>
<p><b>7) Twizel Information Reticulation Modelling</b></p> <p>What has changed since 2009?</p> <p>New connections</p> <p>Updated water records</p> <p>Any changes to the operating of the secondary (booster) pumps</p> <p>Reserve irrigation volumes?</p>	<p>Confirmed “on-demand” and “restricted” for the Residential 4 zone. Murray can the contact Jeff McLean again to undertake the modelling. Modelling is also to consider:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Larger Retic. pipe instead of trunk main duplicating the retic. pipe. (existing 100mm dia pipe only 10 years old).</li> <li><input type="checkbox"/> Mackenzie Drive has 2 x 150mm dia. pipes. Could replace one with a larger pipe and run a rider main (fusion welded) inside the other, with cross links in places and valves at streets off.</li> </ul>

<p><b>8) Twizel Booster Pumps</b>  Confirmation measurements in pumps building taken by MP on 8 May.  Brown Bros. Engineers Ltd have submitted a pumpset design. Flow demands are being checked and this prompted the query about restricted water supply zones above.  Preliminary layouts have been completed.</p>	<p>When flow demands are confirmed (Item 6 above and Item 18 below) then contract documents preparation for supply can be started.  Preliminary layouts for the stages of installation of booster pumps and treatment equipment acceptable. Detailed design layouts can commence.  Issues identified during preliminary design require short reports to be submitted for consideration:  <input type="checkbox"/> Best chemical type for chlorination.  <input type="checkbox"/> Protozoa testing versus Cartridge Filtration for higher log credit requirement.</p>
<p><b>9) Telemetry</b>  Review the current Scada systems available on the market to see what can best meet our needs.</p>	<p>Completed.  Memorandum of Understanding between TDC/MDC being prepared.  Geoff to manage project for MDC.</p>

## **ROADING**

### **Environmental Maintenance**

There has already been a spend of \$37,000 in environmental management just to the end of July this year, this has included, two snowfall events, ice gritting, clearing of wind fallen trees on Plantation Road, and re-instating access to Mt Gerald and Lilybank Station after a rainfall event washed out the bridge approach at Coal River.

There are further works required on the Coal River Bridge following an inspection by Bridge Engineer, Dave Charters. His report is attached:

### **MACKENZIE DISTRICT COUNCIL**

#### **BRIDGE 76: COAL CREEK – SPECIAL INSPECTION**

##### **1 Introduction.**

1.1 DCL Consulting was asked to carry out a special inspection of Bridge 76: Coal Creek. A recent flood event had scoured out the northern, or true right, approach. Whilst the approach had been reinstated, there was a view that further work was required.

1.2 The inspection was carried out on the 11th August 2014. The weather was cold and wet with occasional sleet. The river level was higher than normal, but not in flood. The base of the north abutment was not visible, see figure 3, but conclusions could be drawn from the visual inspection carried out.

1.3 Photographs are catalogued and included at the back of this short report.

##### **2 Observations.**

2.1 Figure 1 shows the reinstated north approach and figure 2 shows a sink hole developing in that approach. It is clear from the developing sink hole that water is penetrating behind the north abutment. This means that the river bed has scoured below the concrete abutment and water is flowing between the piles and eroding the material behind the abutment.

2.2 The bridge presents an abrupt turn to the true left in the watercourse. As a result, the watercourse attempts to move to a more straight alignment and this attacks the north abutment. This situation is illustrated in figure 4.

##### **3 Conclusions.**

3.1 The river bed has degraded, or scoured, to a point beneath the north abutment. Water is now eroding the material behind the abutment. Further loss of the north approach is inevitable.

3.2 The scouring is caused by the bridge creating an abrupt change in watercourse alignment.

##### **4 Recommendations.**

###### **4.1 Immediate Actions:**

4.1.1 Obtain any necessary RMA Consents for the work set out below.

4.1.2 Place D50:500 rip-rap along the face of the north abutment. Wrap round into the scour hole at the downstream wing.

4.1.3 Fill the scoured right bank downstream of the bridge. Figure 5 shows this area.

4.1.4 Monitor the scour hole in the reinstated north approach.

###### **4.2 Longer Term Actions, (3 months)**

4.2.1 Divert the watercourse to a more central alignment to the bridge.

4.2.2 Carry out further inspections of the abutment in low water conditions. In particular check the condition of the piles. It is anticipated that there will be 2 piles. These inspections can be carried out by Council Staff and photographs forwarded to DCL Consulting.

4.2.3 Determine which of the 2 options below should be selected for permanent, (so far as is possible in a high energy hydraulic environment), remediation. Supplementary piling, (as installed to the adjacent pier), may be required.

4.2.3.1 Abutment extension into the creek bed, at least 750mm below current bed level at this location is desirable.

4.2.3.2 Reinstall the bed to a point 750mm above the base of the abutment and armour with rip-rap.

4.2.4 Carry out hydrological works, groynes and bed armouring, to retain the watercourse in a more central alignment through the bridge.



Figure 1



Figure 2



Figure 3



Figure 4



Figure 5

### **One Network Road Classification**

More work has been done assessing Mackenzie District Councils Roads under the ONRC framework. The implementations of RAMM Contractor, an asset management tool, will increase the knowledge of all works being carried out on the network at any one time. This will be specific to the exact location of where work occurs, or needs to occur. Meaning we can graphically show where money either has or needs to be spent on any road to maintain a fit for purpose Customer Level of Service. It will enable us to have real conversations with the Transport Agency, using their evidence based asset management philosophy.

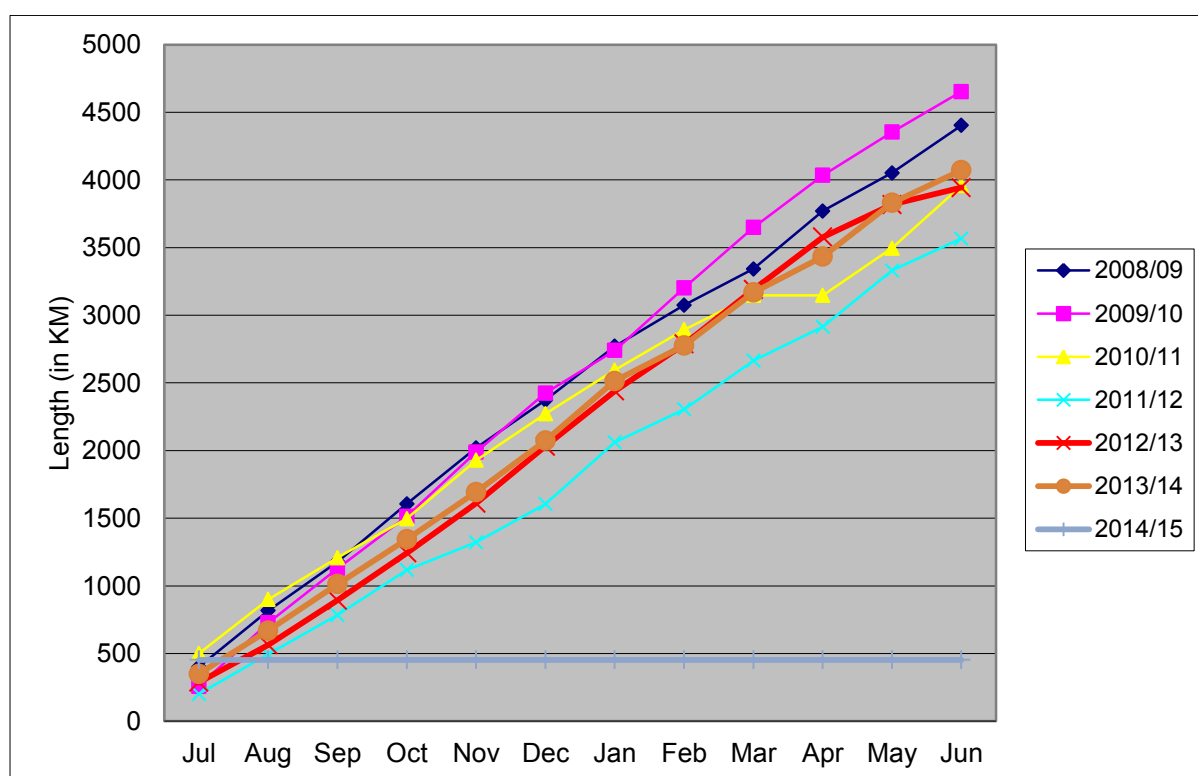
### **National Land Transport Programme – Mackenzie District Council’s Bid to NZTA for Funding**

Work is on-going preparing an evidence based funding application with supporting information. We have a continuous requirement to increase our level of spend to maintain out sealed road resurfacing programme until 2021. Once we reach 2021 our average yearly cost, in today’s dollars, would be around \$300,000. But until then a significant investment is required.

Over the last 3 years staff have carried out regular gravel loss surveys at different sites on the network. This has provided some physical data on how our gravel roads perform over time. Lilybank Road is showing a loss of 17mm off the crown of the road in any one year. This means that whilst there is plenty of loose material to grade around, we don’t actually have adequate fines left in the material to keep a good 6% crossfall, meaning more corrugations/potholes/loose material and a lesser quality driving surface. Initial calculations have indicated that to keep the roads in *“a safe, efficient, convenient and comfortable roading network to ensure appropriate property access and freedom of travel for all people 2012-22 LTP”* Council needs to apply approximately 20,000m<sup>3</sup> of wearing course and maintenance metal to its unsealed roads annually.

### **Bridge Replacements**

Consent for the three bridge replacements has been lodged. There was a slight delay due to the archaeologist needing to gain access to some information that had been unavailable. We now will have to wait until it is granted.



## **ESSENTIAL SERVICES**

### **FAIRLIE**

#### **Water:**

Operation and Maintenance expenditure full year 2013-14 is \$59,643 which is over budget by \$14,643. Electrical cost full year \$2,408 is under budget by \$196. Consent monitoring full year \$749 is under budget by \$7.

The turbidity test at Charles Waters has been installed now just need to set up the electrical and data collecting side of it.

The new Mag flow is now installed.

There has been another leak in Grey St.

A scope of the next part of Fairlie's water main replacement is underway. It is hoped to have it completed by April of next year.

#### **Wastewater:**

Operations and maintenance expenditure full year \$29,358 is over budget by \$3,354.

Electrical cost full year \$2,890 is under budget by \$854. Consent monitoring full year \$1,475 is under budget by \$4,325.

#### **Stormwater:**

Operations and maintenance expenditure full year \$6,852 is over budget by \$528.

### **TEKAPO**

#### **Water:**

Operation and maintenance expenditure full year \$52,734 is under budget by \$24,462.

Electricity cost full year \$6940 is over budget by \$436. Consent monitoring cost full year \$888 is over budget by \$132.

Whitestone are investigating some water that has appeared in Sam's Place it is not known as yet whether it is a water main leak or ground water coming from another location.

#### **Wastewater:**

Operations and maintenance expenditure full year \$40,142 is over budget by \$146.

Electrical cost Full year \$14536 is under budget by \$6,404. Consent monitoring Full year \$1003 is under budget by \$4,296.

Whitestone while trying to clear the Domain sewer well found that the blower installed on one of the pumps had fallen off. This has been retrieved and reinstalled. Investigating how better to use the blower to stop the build-up of the wipes that occur in this pump station.

#### **Stormwater:**

Operations and maintenance expenditure full year \$6,434 is over budget for the year by \$2,282. Consent monitoring full year \$223 is under budget by \$1,481.

### **TWIZEL**

#### **Water:**

Operation and maintenance expenditure full year \$85,734 is under budget by \$270.

Electrical cost full year \$72,608 is under budget by \$688. Consent monitoring full year \$2,117 is under budget by \$2,383.

Pipe sample results have come back. There is still a number customer service request for leaking tobies being reported. To go with this it has been found that quite a few Ryder main valves are not working which results in a larger area being shut down to carry out repairs.

Wastewater:

Operations and maintenance expenditure full year \$29,571 is over budget by \$2,571.

Electrical cost full year \$1882 is under budget for the year by \$1,238. Consent monitoring full year \$4,542 is under budget by \$1,962.

New safety grill has been installed at the Mackenzie Park pump station.

Stormwater:

Operations and maintenance expenditure YTD is \$5,155 is under budget by \$41 for the year.

Consent monitoring YTD \$138 is under budget for the year by \$762.

**Burkes Pass**Water:

Operation and maintenance expenditure full year \$5,492 is under budget by \$4. Consent monitoring full year \$275 is over budget for the year by \$35.

Wastewater:

Operations and maintenance expenditure full year \$1590 is over budget by \$90.

Consent monitoring full year \$730 is under by \$314.

**SOLID WASTE****Solid Waste****Greenwaste and construction waste**

Andrew Haulage from Dunedin have chipped all the greenwaste and construction waste in the three parks. This has been a great way to reduce the volume of our construction waste so that it is more efficient to transport to landfill. There was a total of 350m3 of construction waste processed; 200m3 in Tekapo, 160m3 in Twizel and 40m3 in Fairlie. The chipper was in operation for four and a half days compared to work over several months with the previous system, which could only process greenwaste.

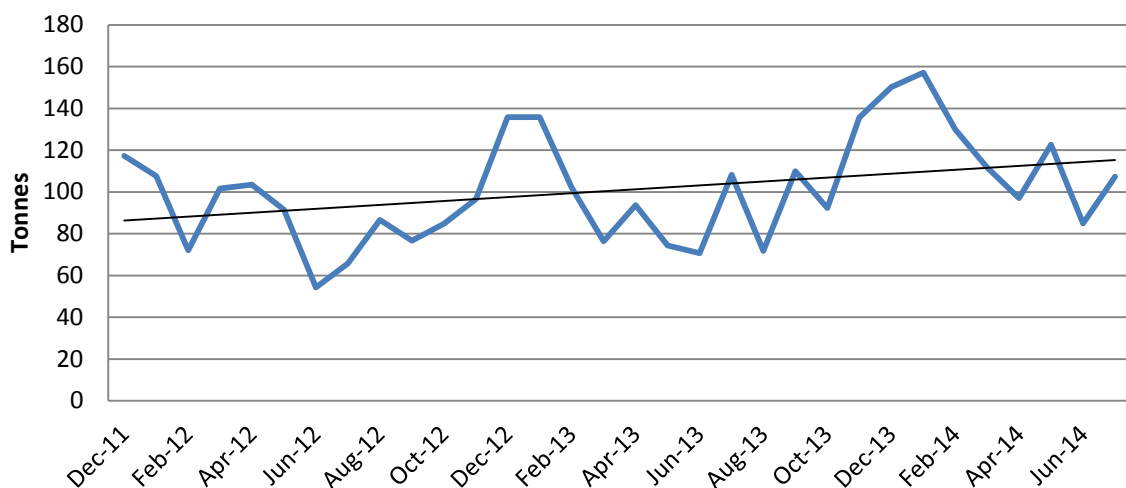
**Education projects**

Work is currently underway on prioritising education projects. This includes current and ongoing projects such as cloth nappy packs, ecomailbox, print media, Paper4Trees, E-Book plus other projects in the pipeline such as composting promotion, resources for holiday homes to aid sorting of waste and support for local businesses to improve recycling practices.

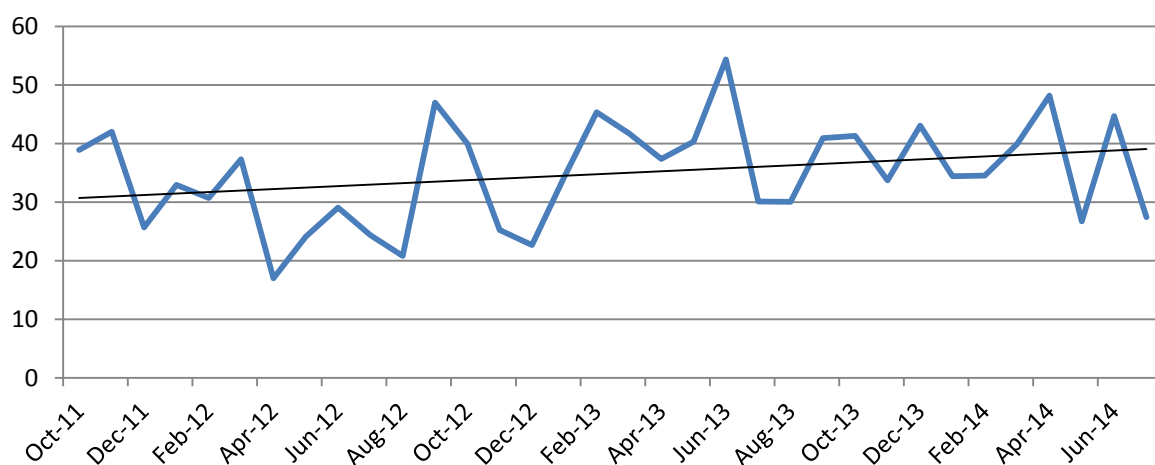
**Recycling sort line upgrade – Twizel Resource Recovery Park**

Envirowaste have approved funding for the new recycling sorting line in Twizel, which will be installed later this year. They will give us an update on the timing of this project in the next few weeks.

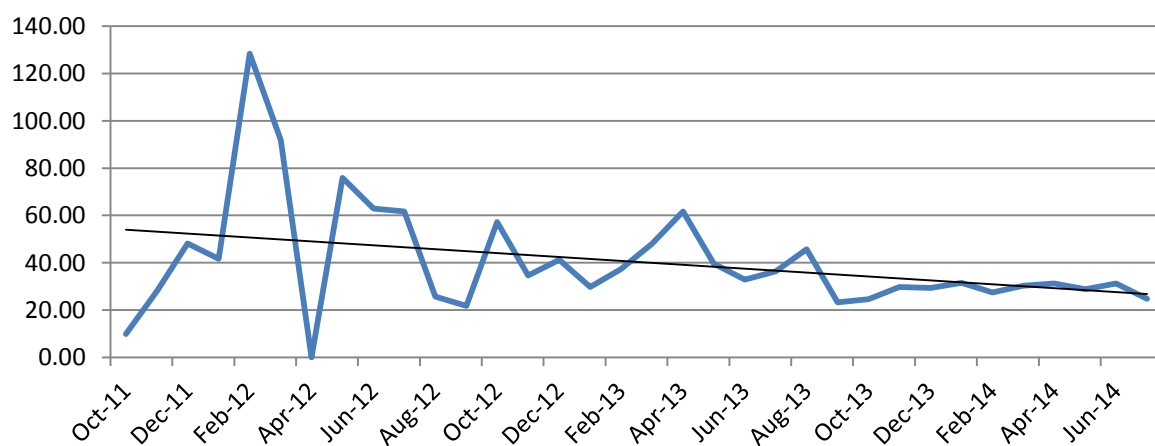
### Waste carted to landfill



### Percentage of waste diverted



### Percentage of recycling sent to landfill as residual waste





## MACKENZIE DISTRICT COUNCIL

**REPORT TO:** ASSETS AND SERVICES COMMITTEE

**SUBJECT:** WARREN LESLIE INVOICE FOR FENCING

**MEETING DATE:** 2<sup>nd</sup> SEPTEMBER 2014

**REF:** WAS 2/2

**FROM:** MANAGER – ROADING

**ENDORSED BY:** CHIEF EXECUTIVE OFFICER

### **PURPOSE OF REPORT:**

To present to the committee the invoice received from WJ and AG Leslie, for fixing a small amount of fencing by McKerchers Bridge on Gorge Road.

### **STAFF RECOMMENDATIONS:**

1. That the report be received.
2. That Council do not pay the invoice from WJ and AG Leslie for fencing and loss of production.

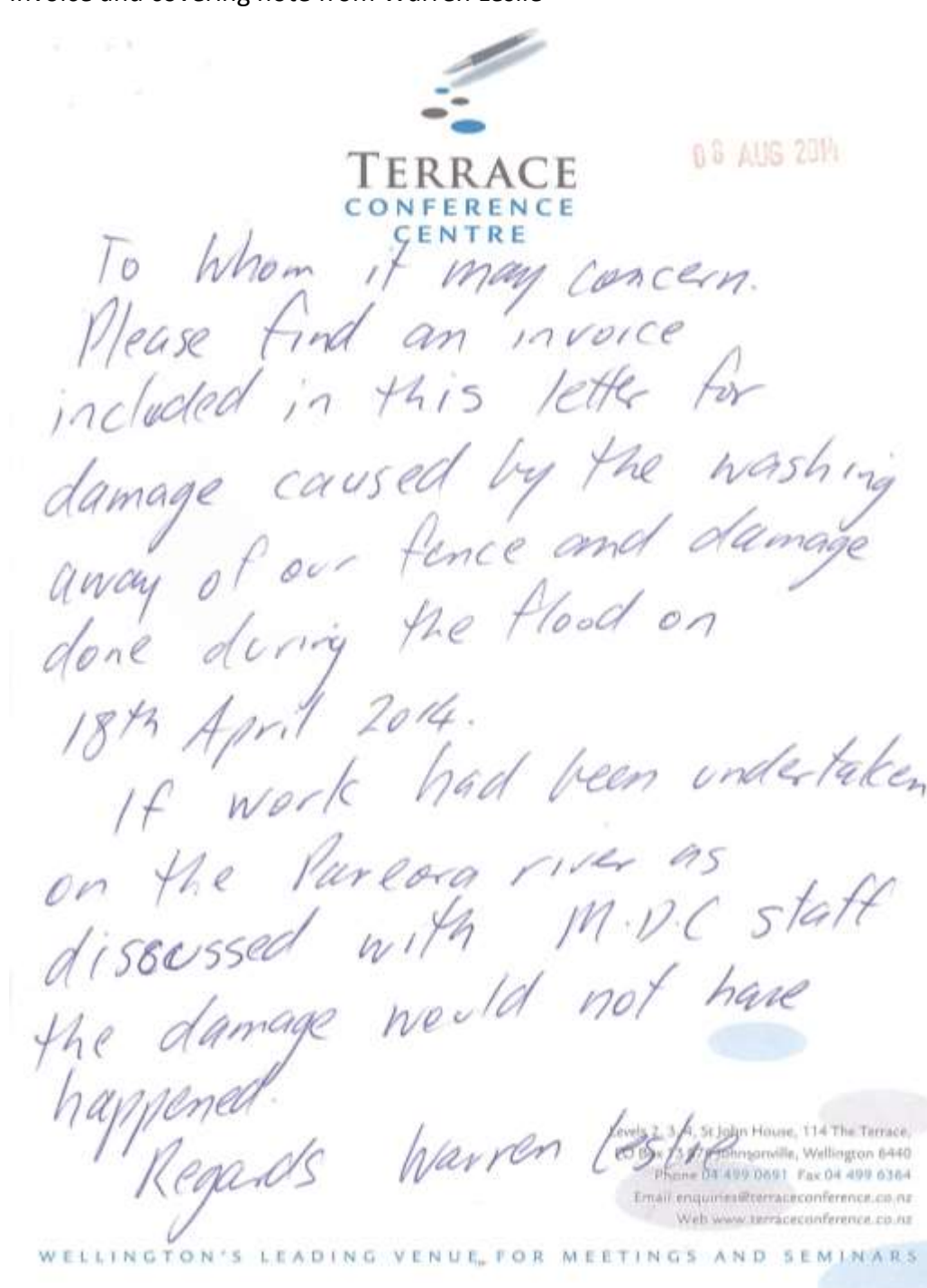
**SUZY RATAHI**  
**MANAGER – ROADING**

**WAYNE BARNETT**  
**CHIEF EXECUTIVE OFFICER**

[Type here]

**ATTACHMENTS:**

Invoice and covering note from Warren Leslie



[Type here]

# WJ and AG Leslie

08 AUG 2014

Greenhill Farm  
RD 14  
Cave  
South Canterbury 8770

Tel: 03 6143 769  
Mobile: 0274 143769  
Fax: 03 6143 729  
Email: leslie.wa@farmside.co.nz

Mackenzie District Council  
Main Road  
Fairlie

## Tax Invoice # 131 (Original)

GST No. 85 503 863

Page: 1 of 1

Date: 05 August 2014

Description	Quantity	Price	Value
Fencing Materials	1	1,150.00	1,150.00
Contractor hours	6	138.00	828.00
Labour	24	45.00	1,080.00
Loss of Production	1	2,300.00	2,300.00

**TOTAL DUE** 5,358.00  
Includes GST of 698.87

## **BACKGROUND:**

Mckerchers Bridge is a boundary bridge situated on Gorge Road, between the Mackenzie and Waimate Districts. The bridge was built approximately 60 years ago by the Mackenzie District Council. Once completed the management of the structure was administered by the Waimate District Council. All maintenance works were arranged by Waimate and any local share costs are split between the two Districts.

As naturally occurs in river beds, the waterway under Mckerchers Bridges has been aggrading. This has been exasperated by the recent rain and flooding events that have occurred over the last two years. As a result, Mackenzie District Council staff recognized there was a need to clear the waterway directly adjacent to the bridge. As Mackenzie District Council had similar dozer works required in the area it was agreed that Mackenzie would programme the work and invoice Waimate their share of the local costs. Work was duly programmed with a contractor back in July 2013. Unfortunately the works remained uncompleted and follow up phone calls had proved unsuccessful in getting the busy contractor to establish on-site.

The contractor contacted Council staff early in the week starting 7<sup>th</sup> April stating that he had inspected the works and realized that the job was too big for his D6 dozer and would require at least D8 to move the large rocks in the river bed.

Unfortunately the 17th April 2014 rainfall event caused the river to rise rapidly and the approach on the Mackenzie side washed out. This resulted in some fencing in an adjacent riverbed paddock being washed out, and also some material being deposited in Mr. Leslie's riverbed paddock. Note, there is no guarantee that had the work that had previously been completed the outcome would have been any different.

The road was reopened by Whitestone within two days and a D9 dozer from another contracting company was engaged to carry out river retraining both upstream and downstream. This completed work not only protects Mckerchers Bridge but also provides significant improved flood protection to the adjacent properties.

The total cost of the work required was \$41,218.33 ex GST, with most of this spent on the river retraining, flood protection and removal of buildup of the excess gravel and rocks in the center of the river that was putting the bridge at risk.

In May, Warren Leslie, Graham Mckercher, Cr. Graham Smith and Roading Manager, Suzy Ratahi met onsite. It was agreed after a robust discussion that Mackenzie District Council would organize removal of debris in the riverbed paddock and also re-profile the shoulders on the approach to enable easy fencing. Then Mr. Leslie would arrange the small amount of fencing required at his cost.

As such it was a surprise to Council to receive an invoice in August from WJ and AG Leslie for his fencing and loss of production at a cost of \$5,358.00 including GST, as this was contrary to the agreement reached on site with the parties.

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**CONCLUSION:**

Mckerchers Bridge is a boundary bridge situated on Gorge Road, between the Mackenzie and Waimate Districts. The bed of the Pareora River has been aggrading for some time and Council staff had recognized this and programmed remedial works. This was not urgent work but necessary to protect the bridge and improve the water capacity and flow under the bridge.

The rainfall event on the 17<sup>th</sup> April was unforeseen and resulted in the bridge approach being washed out and a small amount of fencing washed from Mr. Leslie's riverside paddock along with a small amount of debris.

Works to reinstate the access to the bridge was completed by Thursday the 24<sup>th</sup> of April.

Onsite meeting was held and parties that attended had ended up agreeing on a solution with both parties agreeing to absorb their own costs.

**RECOMMENDATION:**

Council has no duty of care or liability with this issue. There is no evidence that had the original planned works (clear the gravel build up in the center of the river bed) been completed prior to the flooding event, that the approaches to the bridge would have remained intact.

As such it is recommended that Council reconfirms its commitment to the original agreement and reject the invoice from WJ and AG Leslie for \$5,358.00 inc GST.