



**TO THE MAYOR AND COUNCILLORS OF THE  
MACKENZIE DISTRICT COUNCIL**

**MEMBERSHIP OF THE PROJECTS AND STRATEGIES COMMITTEE**

Graeme Page (Chairman)

Claire Barlow (Mayor)

John Bishop

Peter Maxwell

Annette Money

Graham Smith

Evan Williams

*Notice is given of a meeting of the Projects and Strategies Committee  
to be held on Tuesday 27 September 2011  
following the Planning Committee meeting*

**VENUE:** Council Chambers, Fairlie

**BUSINESS:** As per Agenda attached

**GLEN INNES  
CHIEF EXECUTIVE OFFICER**

21 September 2011



## PROJECTS AND STRATEGIES COMMITTEE

Agenda for Tuesday 27 September 2011

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### I APOLOGIES

### II DECLARATIONS OF INTEREST

### III MINUTES

Confirm and adopt as the correct record the Minutes of the meeting of the Projects and Strategies Committee held on 23 August 2011.

#### ACTION POINTS

### IV REPORTS:

1. Asset Manager's Monthly Report

### V PUBLIC EXCLUDED

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

1. Minor Improvements 2011/2012 – Clayton Road Seal Widening Stage 2
2. Contract 1188 – Sealing 2010/11

<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>
Minor Improvements 2011/2012 Clayton Road Seal Widening Stage 2	Commercial Sensitivity	48(1)(a)(i)
Contract 1188 – Sealing 2010/2011	Commercial Sensitivity	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: *Minor Improvements 2011/2012 – Clayton Road Seal Widening Stage 2* and *Contract 1188 – Sealing 2010/11* section 7(2)(b)(ii)

# MACKENZIE DISTRICT COUNCIL

## MINUTES OF A MEETING OF THE PROJECTS AND STRATEGIES COMMITTEE HELD IN THE SERVICE CENTRE, TWIZEL, ON TUESDAY 23 AUGUST 2011 AT 2.10 PM

### **PRESENT:**

Graeme Page (Chairman)  
Claire Barlow (Mayor)  
Crs John Bishop  
Peter Maxwell  
Annette Money  
Graham Smith  
Evan Williams

### **IN ATTENDANCE:**

Glen Innes (Chief Executive Officer)  
Bernie Haar (Asset Manager)  
Suzy Ratahi (Manager – Roading) for part of the meeting  
Carl Mackay (Solid Waste Manager) for part of the meeting

### **I APOLOGIES:**

There were no apologies.

### **II DECLARATIONS OF INTEREST:**

There were no Declarations of Interest.

The Chairman welcomed the new Manager – Roading, Suzy Ratahi, to the meeting.

### **III MINUTES:**

Resolved that the Minutes of the meeting of the Projects and Strategies Committee held on 5 July 2011 be confirmed and adopted as the correct record of the meeting.

**Graham Smith/Evan Williams**

Resolved that the Minutes of the meetings of the Solid Waste Subcommittee held on 12 and 26 July 2011 be received

**Graham Smith/Evan Williams**

### **MATTERS UNDER ACTION:**

#### **1. Bridges that Service One Ratepayer:**

The list of such bridges to be provided at the next Committee meeting.

#### **2. Twizel Water Supply**

The Mayor suggested that once the Twizel water supply had been temporarily disinfected, an un-chlorinated water source be made available for consumers to use at their own risk.

#### **IV REPORTS:**

##### **1. ASSET MANAGER'S MONTHLY REPORT:**

This report from the Asset Manager referred to the Technical Officers' Group Meeting which he had attended in Rangiora, Project Progress, Roding, Sewerage, Water Supplies, Stormwater, Solid Waste, Transition to New Solid Waste Proposal, Roding, Essential Services and Solid Waste.

##### **Sewerage – Twizel Land Purchase**

In response to concerns expressed about the length of time being taken to conclude the matter, the Asset Manager provided an update on the issues around the purchase of land from John Lyons for a future disposal field.

He advised that he had been writing regularly to Mr Lyons over the previous 12 months to keep him informed; however Mr Lyons had indicated that he had no desire to progress any sale and purchase agreement with the Council until the mediation associated with an appeal of conditions associated with his resource consent for land use had been completed.

The Asset Manager said although Mr Lyons had been repeatedly advised that Resource Management Act Consent and land purchase processes had to be dealt with totally separately, he had continued to tie the two issues together, and refused to conclude the land purchase.

The Asset Manager said that once the consent issue had been resolved, discussions would be resumed with Mr Lyons. He explained that his was currently coordinating role; however when Mr Lyons was ready to discuss the land purchase, the Chief Executive Officer and others would become involved.

Resolved that the report be received.

**Annette Money/Graham Smith**

#### **ADJOURNMENT AND CITIZENSHIP CEREMONY:**

The meeting was adjourned for afternoon tea at 3.00 pm.

The Mayor then welcomed citizenship candidate Chin-Mei Kelly, her husband, son and their guests.

Mrs Kelly read her affirmation of allegiance and was congratulated by the Mayor as new New Zealand citizen. The Mayor presented Mrs Kelly with her Certificate of Citizenship and a gift and read a message from the Minister of Internal Affairs.

Mrs and Mrs Kelly and their guests joined the Council for afternoon tea.

The meeting was reconvened at 3.40 pm

#### **IV REPORTS:**

##### 1. ASSET MANAGER'S MONTHLY REPORT (Continued):

The Solid Waste Manager spoke to his section in the report.

##### Resolved:

1. That the charge for a voluntary domestic wheelie bin service for the period October 2001 to June 2012 inclusive, be set at \$115 incl GST.
2. That the charges for the commercial wheelie bin service, for the period October 2011 to June 2012 incl be set at:
  - Option 1** (1 x 240 for Refuse /1 x 240 for Recycling and 1 x Glass Crate)  
\$262.50 incl GST.
  - Option 2** (1 x 360 for Refuse/1 x 360 for Recycling and 2 x Glass Crates)  
\$352.25 incl GST.

**Annette Money/Graham Smith**

It was requested that the issues associated with the wheelie bin service for residents in the Eversley Reserve be the subject of a report to the Solid Waste Sub Committee.

##### 2. ROADING - ANNUAL ACHIEVEMENT REPORT:

This report from the Asset Manager provided information on all the roading achievements that had been completed by Whitestone Ltd under the maintenance contract during the previous year.

Resolved that the report be received.

**Annette Money/Claire Barlow**

The high cost of maintenance for the Lilybank and Braemar Roads was discussed. It was suggested that consideration could be given to ways of relieving ratepayers of some of the costs.

##### 3. PUKAKI INFORMATION CENTRE:

This report from the Manager – Finance and Administration was accompanied by copies of the Council's Licence to Occupy land at Lake Pukaki Dam site and the Mackenzie Tourism and Development Trust's Resource Consent to construct and operate the information centre at Lake Pukaki.

Resolved that the report be received.

**Annette Money/Evan Williams**

##### Resolved:

1. That discussion be held with Meridian Energy Ltd about the terms of the Licence to Occupy land at the Lake Pukaki Dam site.
2. That advice be sought from Council's planners on the potential of amending the conditions of the Resource Consent held by the Mackenzie Tourism and

Development Board for the regional information centre at the Mt Cook Lookout at Lake Pukaki with the view to enabling expanded retail opportunities.

**Annette Money Graham Smith**

**THERE BEING NO FURTHER BUSINESS  
THE CHAIRMAN DECLARED THE MEETING CLOSED AT 4.28 PM**

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**CHAIRMAN**

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**DATE**

## MATTERS UNDER ACTION – PROJECTS AND STRATEGIES COMMITTEE

*12 April 2011*

### **Bridge Replacements:**

- 1 The Chairman and the Asset Manager undertook to consult with the owners of the Morris Road Bridge. *Yet to be actioned*
- 2 Cass River Bridge to be replaced, subject to a substantial contribution from the landowner to the funding of the local share of the cost of replacement. *Yet to be actioned*
- 3 Investigate the legal implications of closing the top end of the Godley Road before the Cass River Bridge. *Yet to be actioned*

### **Twizel Water Supply**

Preliminary investigations to be undertaken to confirm the viability of proposed new sources for the water supply for Twizel. *Ongoing.*

*5 July 2011*

### **Pukaki Information Centre:**

Include Agreement with Meridian Energy Ltd for the Pukaki Visitor Information Site and the Resource Consent for the Visitor Information Centre on the Agenda for consideration at the next meeting of the Projects and Strategy Committee. *Report included on Planning Committee Agenda.*

*23 August 2011*

### **Pukaki Dam Site**

Discuss with Meridian Energy Ltd the terms of the Licence to Occupy land at the Lake Pukaki Dam site.

Planners to report on the potential of amending the conditions of the Resource Consent held by the Mackenzie Tourism and Development Board for the regional information centre at the Mt Cook Lookout at Lake Pukaki with the view to enabling expanded retail opportunities.

### **Bridges that Service One Ratepayer:**

Provide list of such bridges at the next Committee meeting.

*On Agenda*

# **MACKENZIE DISTRICT COUNCIL**

**REPORT TO:** PROJECTS AND STRATEGY COMMITTEE  
**FROM:** ASSET MANAGER  
**SUBJECT:** ASSET MANAGER'S MONTHLY REPORT  
**DATE:** 27 SEPTEMBER 2011  
**REF:** WAS 1/1

## **ASSET MANAGEMENT**

### **Project Progress - Council Priority List**

#### **Roading**

##### **Minor Improvements**

Clayton Road Seal widening Stage 2 documents have been prepared and tenders closed on the 21st September. A separate report is on the agenda to consider these.

The Minor improvement on Cricklewood Road – Deceleration sealing, has been paired with the “Sealing Past Houses” on Clayton Road. Documents have been written in such a way that works can be varied depending on budgeting constraints including complete removal of the Clayton Road portion if external funding from land owner is unavailable. These Documents are ready to go out to tender however confirmation of the extension of Cricklewood Road to 455m (from 300m) is required, after discussions with NZTA (Stephen Parry) it has been confirmed that the extension of sealed area would still be available under funding conditions.

##### **Fairlie Streetscape improvements**

No progress. Fairlie CB to determine project scope.

##### **Activity Management Plan**

The original AMP has been reviewed and is being updated to reflect the changes from the last three years. We are completing a 10 reseal programme for inclusion in the Amp. It is also required for our bid for funding from NZTA. A draft funding application has been prepared and is being submitted to NZTA. Normally this would have been required by 30 November but for Canterbury the date has been bought forward to 30<sup>th</sup> September.

Even though the draft budget is being submitted it is not confirmed until February 2012 and Council will have a chance to review and change this as part of its LTP process. NZTA have advised that the 2012/15 NLTP will not be confirmed until August 2012. This is way after Councils have to have their LTP process confirmed and we have advised NZTA of that fact.



## **Sewerage**

### **Twizel Land Purchase**

The ongoing mediation with the land owner over his Land Use consent has not reached a conclusion so it has not been progressed further.

### **Activity Management Plan**

Asset register has been updated. This is essential to ensure the most up to date is available.

## **Water Supply**

### **Fairlie Waterman Replacements**

This is Alloway Street, Martin Street Bank Street and Regent Street. The Fairlie water model is being run with an upsized pipe proposal for Alloway St. It may be possible to downsize the required pipe replacement in Mt Cook St in the future and end up with a lower cost option.

### **PHRMPS**

- Fairlie
- Tekapo
- Twizel
- Allandale

The Catchment Risk analysis is well under way for each of the supplies with site inspections complete and few follow up enquiries required. This is the first step in producing the PHRMPS.

### **Twizel Water Supply Temporary Chlorination**

Information has been received from the MOH and initial publicity completed. John is still trying to source the required dosing pump.

### **Twizel Water Supply New Source**

John O'Connor has commented on this in his report.

### **Manuka Tce Water Supply New Source**

John O'Connor has commented on this in his report.

### **Activity Management Plan**

Asset register has been updated. This is essential to ensure the most up to date is available.

## **Stormwater**

### **Activity Management Plan**

No progress

## **Solid Waste** **Activity Management Plan**

No work to date on this but as we now have a ten year contract in place with ESL, I would envisage a much simpler document.

## **Transition New Solid Waste Proposal**

Carl has covered off this well in his section of this report. The roll out of wheelie bins is complete and all is in place for the first collection on the 3<sup>rd</sup> October 2011.

We set this lofty goal in April this to be up and running by 3<sup>rd</sup> October and it is very satisfying to staff and ESL to have met that goal.

## **Voluntary Residential Customers**

Of the possible 150 customers in the rural area, 36 have taken up the wheelie bin option. This is very satisfying and we would expect to pick up more as the service is bought online.

## **Commercial Customers**

ESL have completed their visits to all the potential commercial customers in the district. They reported very good knowledge of the new system and were also happy with the level of recycling that they are currently doing.

## **Wheelie Bin Contract With Envirowaste Services Ltd**

The solid waste Sub-committee was delegated powers to have the following powers: -

*To have all general powers needed to negotiate the terms of a new solid waste contract with one of the shortlisted respondents to Council's Request for Proposal to the stage where a report and recommendation can be made to Council for formal approval;*

*Specifically, to determine*

- *Whether or not to reactivate the Vertical Composting Unit*
- *The capacity of "Wheelie bins" to be used*
- *The days for township collections.*

*To devise and oversee a suitable programme of public consultation on what Council is proposing and why.*

A contract has been prepared to formalise all the conditions and prices negotiated as part of the "Request for Proposals" and also in the "Heads of Agreement". The document allows for

- a) Provision for kerbside collection services and Resource Recovery Park operations (Option B, ESL owning the wheelie bins) encompassing the price schedules set out in Appendix A and to be on the terms set out in the Contract Documents and ESL's Offer except to the extent varied by this Heads of Agreement;
- b) A ten year Term commencing on the Services Commencement Date or such other date as may be agreed by the Parties;

- c) Supply and maintenance of Wheelie Bins and Crates by ESL amortised over 10 years;
- d) Wheelie Bins and Crates shall be delivered to all households identified in the RFP no later than one (1) week prior to the Services Commencement Date.
- e) Collection of Refuse from 140 litre Wheelie Bins to take place on a fortnightly basis with effect from the Services Commencement Date;
- f) Collection of Mixed Recyclables from 240 litre Wheelie Bins to take place on a fortnightly basis with effect from the Services Commencement Date;
- g) Collection of glass from 45 litre open Crates to take place on a weekly basis;
- h) Development of a Materials Recovery Facility (MRF) at Twizel for the processing of Mixed Recyclables;
- i) Provision for crushing of glass;
- j) Provision for shredding of Greenwaste;
- k) Provision for operation of the Resource Recovery Parks;
- l) Provision for transport and disposal of Refuse incorporating a storage bunker at Twizel;
- m) The matters more particularly detailed in clauses 6 to 20 herein.

## Appendix A: Schedule of Prices

### Option B Contractor Owns Bins- bins amortised over 10 Year contract term

Items	Description	Units	Quantity	Rate	Annual cost
	<b>Bin Supply- Contractor owns bins - amortised over 10 year contract term</b>				
					<b>10 Year Term</b>
1	Contractor purchases, assembles and delivers 140 litre Wheelie Bins for residual rubbish.	Per Bin	2,119	\$5.10	\$10,810
2	Contractor purchases, assembles and delivers 240 litre wheelie bins for recyclables.	Per Bin	2,119	\$5.63	\$11,926
3	Contractor purchases and delivers 45 litre Crates for glass.	Per Crate	2,119	\$1.84	\$3,896
				<b>sub-total 1</b>	<b>\$26,633</b>
				<b>Residual Value</b>	<b>\$0</b>
	<b>Kerbside Collection</b>				
4	Fortnightly collection of 140 litre residual Wheelie Bin	Per Bin	2,119	\$32.22	\$68,270
5	Fortnightly collection of 240 litre recycle Wheelie Bin excluding glass.	Per Bin	2,119	\$20.39	\$43,201
6	Weekly collection of 45 litre glass Crate	Per Crate	2,119	\$20.39	\$43,201
7	Fortnightly collection of compostable bag for food waste	Per bag	0	\$0.00	\$0
				<b>sub-total 2</b>	<b>\$154,672.80</b>
	<b>Kerbside Recyclables Processing</b>				
8	Kerbside recyclables excluding glass	tonne	264	\$121.60	\$32,070
9	<b>Kerbside recyclables including glass</b>	<b>tonne</b>			n/a
10	Kerbside glass only	tonne	130	\$53.96	\$6,998
				<b>sub-total 3</b>	<b>\$39,068</b>

<b>Resource Recovery Parks</b>					
11	Management and supervision	Lump Sum			\$123,908
12	Maintenance of parks	Lump Sum			
13	Transport of residual waste to landfill	tonne	772	\$101.92	\$78,720
14	Disposal fee for residual waste	tonne	772	\$83.94	\$64,828
15a	Garden waste processing	m3	800	\$10.50	\$8,400
15b	Shredder Establishment fee	each	1	\$6,500	\$6,500
16	Food waste processing	tonne	0	\$53.96	\$0
17	Transport of scrap metal	tonne			
18	Transport of recyclables	tonne			
19	Processing of recyclables	tonne	75	\$121.60	\$9,163
20	Processing of glass	tonne	40	\$53.96	\$2,150
				<b>sub-total 4</b>	<b>\$293,668</b>
<b>Rebates</b>					
21	Recyclables	tonne	339	-\$92.80	-\$31,466.84
22	Organic	tonne			
23	Scrap metal	tonne			-\$7,000.00
				<b>sub-total 5</b>	<b>-\$38,466.84</b>
<b>Total</b>					<b>\$475,574.36</b>
<b>10 Year Term</b>					<b>\$4,755,743.60</b>

Items	Description	Units	Quantity	Rate	Cost
D1	On property collection of Wheelie Bins and Crate. (Rate per fortnight)	Per property	26	\$2.50	\$65.00 per annum
D2	Delivery of a new 140 litre Refuse Wheelie Bin, 2410 litre Recyclables Wheelie Bin and a 45 litre Crate to a property.	Per set	1	\$15.00	\$15 per set
D3	Extra weekly kerbside collection for Twizel	Per collection	1	\$1840.00	\$1840.00
D4	Extra weekly kerbside collection for Tekapo	Per collection	1	\$915.00	\$915.00
D5	Extra weekly kerbside collection for Fairlie	Per collection	1	\$745.00	\$745.00

On behalf of the Solid Waste Sub Committee I would recommend that Council confirm the terms of the contract and the prices in the schedule above and sign the contract with Envirowaste Services Ltd.

### Issues still to be Resolved

Once the contract documents have been signed it leaves two significant issues to be resolved

1. Lease documents for each of the parks
2. Variation to the resource consents to reflect the new regime.

## **ROADING**

### **Maintenance**

Most roads have wintered fairly well, with the exception of Lilybank Road being excessively hammered by Roundhill Skifield Traffic – as previously discussed the money we collect in rates yearly is approximately \$14897.10 and the total spend last financial year was \$78,510. A reduced level of service would result in an obvious lower cost but this would not be ideal as we want to encourage tourist use of our roads [sic] District Plan, Activity Management Plan, and Long Term Plan. Other options would be tolling the road, which would result in delays to residents and ski traffic, which could potentially make Roundhill Ski Area a less attractive skifield to visit, pushing tourism away. Lilybank has an average traffic count of 400vpd during ski season, spiking to 750vpd and a mere 50vpd off season and days the Ski Area is closed.

This heavy traffic comes at the wrong time of year for an Unsealed road, due to wet winter conditions and frost heave we are left with failing pavement. There is a large area of unsuitable subgrade (Approx 13,000m<sup>2</sup>) where frost heave has the most effect, gravel depths in these areas would average 100mm which is not thick enough to deal with the volume and speed of traffic generated by Roundhill Ski Area. Under our current maintenance contract rates, to dig out and replace these areas with suitable bound granular material at a 250mm depth would come at a cost of approximately \$640,000. A long term strategy is required here to ensure we are not just bandaging the wounds.

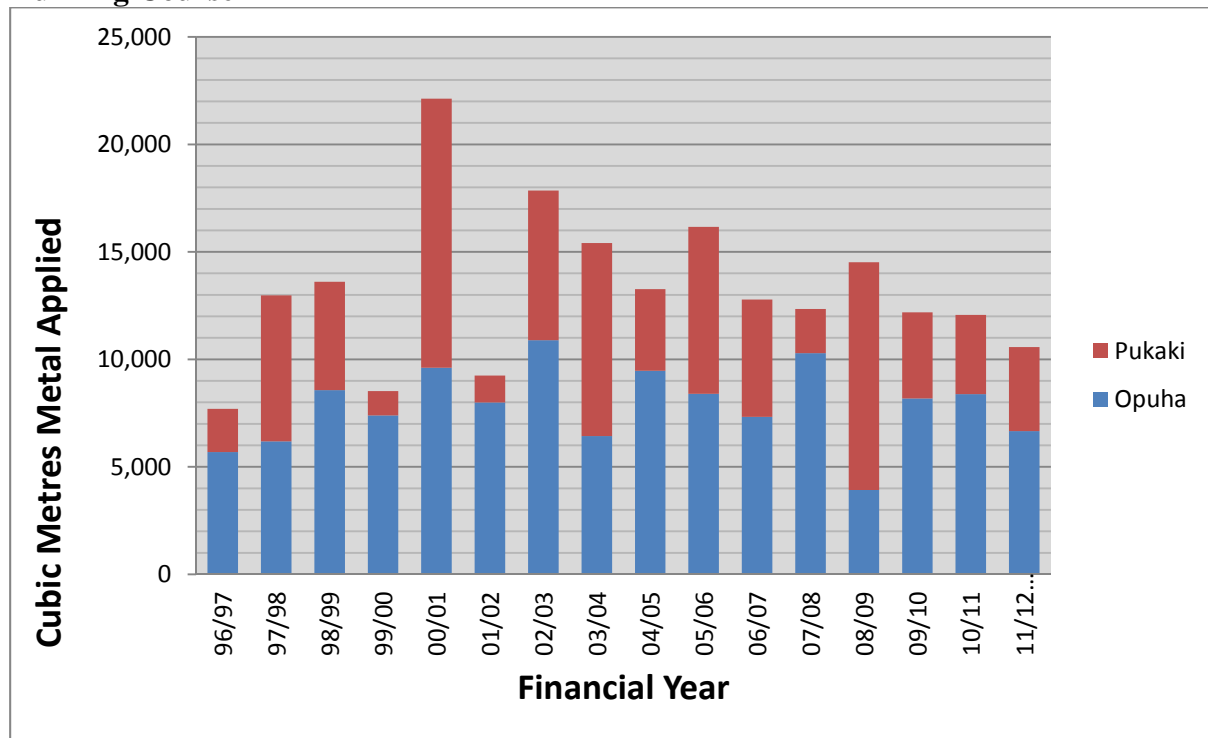
Braemar Road also incurred a bit of damage from frost heave areas (11,000m<sup>2</sup>) this again was due to unsuitable material (soil effectively) being transversed by heavy vehicles, namely army vehicles, during the winter months. The army had a speed restrictions in place of 50km/ph for all military vehicles travelling on Braemar Road.

### **Unsealed Road Metalling**

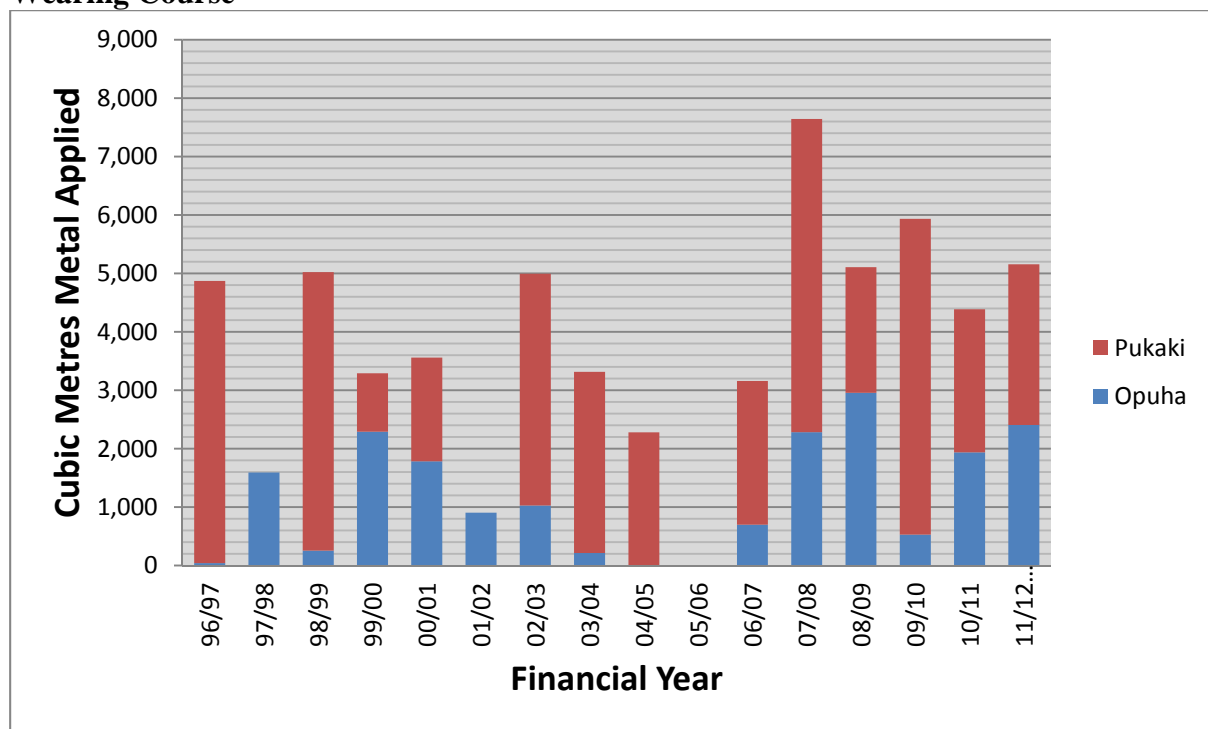
Whitestone have begun crushing and placing metal for the approved Maintenance metalling list, once again Lilybank is taking a large portion (1400m<sup>3</sup>) of wearing course. There is a total of 3908m<sup>3</sup> of running course and 2750m<sup>3</sup> of wearing course being applied in the Pukaki Area this season. The Opuha Ward is receiving 6666m<sup>3</sup> of running course and 2407m<sup>3</sup> of wearing course.

This totals are shown below, which are down on previous years.

### Running Course



### Wearing Course



As you can see there has been a drop in running course applied since 00/01.

### Unsealed Road Grading

A total of 293.41km of roads were graded in August which is below monthly average target of 333.2km

### North Opuha Bridge

The remiadiial work has been completed for \$9,787.00, original estimate was for the works was \$35,000.

### **Township Minor Improvements**

Discussions have started with community boards regarding where they would like to see township minor improvement budgets, Tekapo have given an indication they would like to further the progress on the Lakeside Drive Safety footpath. There was also a request to carry out work on Andrew Don Drive which would have to come out of a low Township Unsealed Pavement Maintenance budget due to the segregated approach to township/rural budgets.

### **Financial Assistance Rate**

The base FAR rate for Mackenzie District for our 2012-2015 NLTP is set to decrease from 54% to 53%. This is a decrease of approximately \$23,000. This also means that the FAR rate for construction projects and Minor Improvements is also reduced by 1% to 63%.

### **Minor Improvements**

This allocation has been reduced from the previous 8% of our approved roading programme to 5%. This is a drop of about \$65,000.

Also all minor construction projects eg bridge renewals have to come out of this allocation as a first call.

### **NZTA funded Budget Roll over from 2010/2011**

There was a budget roll over of \$109,000 (total cost) which we will look to council for guidance on where the money would be best spent. The Roding Business Unit will bring a report to Council on the options available as soon as possible.

### **Bridges Servicing One Landowner**

Bridge Number	Name	Road Name	Road Number
1	Otama Road Bridge	Otama Road	166
11	Deepdale Bridge	Chamberlain Road	115
17	Watts Bridge	Watts Road	199
26	Goodmans Bridge	Nixons Road	159
29	Trotters Road Bridge	Trotters Road	195
33	Morris Road bridge	Morris Road	152
48	Blue Mountain Bridge	Blue Mountain Road	106
50	Hewson River Bridge	Lochaber Road	143
58	Single Hill bridge	Single Hill Station Road	181
62	Cloudy Peaks Bridge	Cloudy Peaks Road	
64	Tiffens bridge	Stoneliegh Road	186
70	Grampians Bridge	Grampians Station Road	128
72	Stoney River Bridge	Haldon Road	132
77	Aires Station Bridge	Aires Station Access Road	
78	Cass River Bridge	Godley Peaks Road	126
84	Jollie River Bridge	Mount Cook Station Road	154
86	Darcy's Bridge	Glen Lyon Road	124
87	Black Birch Stream Bridge	Glen Lyon Road	124
88	Harris Stream Bridge	Glen Lyon Road	124
	Rhoboro Road Bridge	Rhoboro Road	
	Fox Peak Bridge	Fox Peak Access Road	

## **ESSENTIAL SERVICES**

### **FAIRLIE**

#### ***Fairlie Water Supply***

Expenditure is tracking approximately on budget. However, following Fire Service training two weeks ago, leaks occurred in two 100mm concrete pipe joints and two small diameter PE pipes. All but one of the small diameter PE pipes are on the replacement programme. The Fire Service Chief has assured me that he will re-emphasise to his members the requirement to close hydrants and valves slowly.

The Nixon Rd pump controls have been upgraded.

It is a concern that the unmodified flow in the Opihi River at SH1 was 2.653m<sup>3</sup> on 21/9/11 and falling.

From 1 January 2014 when the unmodified flow is between 2.5 and 8.1m<sup>3</sup>/sec conservation measures come into force, including a limit of two hours per day hosing. At or less than 2.5m<sup>3</sup>/sec, a total hosing ban will be enforced. Currently Fairlie is using approximately 800m<sup>3</sup> per day. The resource consent is for a volume not exceeding 2,420m<sup>3</sup> per day.

#### ***Fairlie Waste Water***

No issues. Currently running at 50% of YTD budget.

### **TEKAPO**

#### ***Tekapo Water Supply***

Currently running just under YTD budget. The chlorine regulator required repairs and the alarm system is being modified.

#### ***Tekapo Waste Water***

Currently running close to YTD budget. Recently the aerator on Pond A had to be taken out for repairs. The body of the motor is seriously corroded and the motor will most likely have to be replaced. The alarms for the camping ground pump station are being upgraded. Communication with the Sealy Street pump station has failed and will be investigated.

### **TWIZEL**

#### ***Twizel Water Supply***

Currently tracking under YTD budget by \$1,400.

Pump # 6 is back in operation. Orders have been placed for the chlorine dosing equipment and some of the equipment is on site. Work is about to start on flushing the reticulation.



Opus have been tasked to carry out a desk-top exercise to evaluate the Hocken Wells as a potential new source, and determine if test pumping is warranted.

### ***Twizel Waste Water***

Currently tracking at approximately 50% of YTD budget. No serious faults.

## **OTHER**

### ***Manuka Terrace***

The Opus report on the initial test pumping has been received. Opus' conclusions and recommendations are set out below. Well # 11 is approximately in the middle of the reticulation where a production well was proposed. Well #6 is at the Lake Ohau end of Manuka Terrace.

The turbidity during the short duration pump test at Well # 6 was higher than ideal for economic treatment to meet the DWSNZ. It is expected that this will improve after a longer period of pumping. It is planned to carry out a 3 day pump test on Well # 6. This will be delayed until it is decided if test pumping of the Hocken Wells is warranted.

### **Opus Report - Conclusions & Recommendations:**

#### **Conclusions:**

Based on the pumping test data and the limited analysis possible:

1. There is a low probability that a production well screened in the same aquifer as Well # 11 will meet the Council's needs (4 L/s) for a water production bore.
2. There is an almost certain to high probability that a production well screened in the same aquifer as Well # 6 will meet the Council's needs for a water production bore.
3. Barring any interference effects, boundary conditions, or significant fluctuations in groundwater levels, it is likely that a production bore in the same aquifer as Well # 6 could support a flow rate higher than the Council's current demands.

#### **Recommendations:**

Given the short pump test duration and the limited information on the aquifer characteristics it is recommended:

1. That a long-term (2-3 days) constant rate pumping test be undertaken before a production well is completed (to confirm aquifer characteristics).
2. That at least one suitable observation well be installed or located for monitoring during this test.

### ***Allandale Water Supply***

Didymo is continuing to be a problem blocking the intake screen and the screens on the Pressure Reducing Valves. Once per week cleaning of the intake screen has ensured no interruption to supply.

## **SOLID WASTE**

This will be the last report under the present regime. Alterations to the buildings at the Twizel RRP are progressing well and are expected to be finished on time. The new truck is also nearing completion. Staff have been hired to operate the RRP's and drive the truck. Of our existing staff, three have been hired, one did not apply and one was not successful in his application.

As I write this wheelie bins are being rolled out throughout the district. There has been a good uptake of the voluntary service so far where that applies. I have had many positive comments about the anticipated service and very few negative comments.

As part of the changeover process it came to my attention that use is being made of some of our land without our consent. I am doing further research on this to enable a full report to be presented at a future meeting.

Nothing significant has been done about park clean ups. This will continue to be done as time permits. ESL have advised that the most cost effective way to dispose of most of the current product in the parks is through their system when they take over.

There has been no attempt yet to sell any of the plant earmarked for sale. I would like some input from those that know about the value of wool press's as we have two at Tekapo.

I have contacted Stevenson Engineering who know a little about VCU's and are hoping to sell refurbished units to ACC for Great Barrier and Waiheke Islands. I have sent through photo's of ours but have been told not to hold my breath. ACC also told me that their ten chamber VCU was closed down a few years ago because of high maintenance and operating costs. These units are in such a poor state of repair that they are not being considered for the islands.

Illegal dumping continues to be an issue in Tekapo within the forested area adjacent to the Tekapo RRP. Recently someone tipped hot ashes on the ground near the pine trees resulting in a fire which the Tekapo brigade was called to. They made a good save but if this had happened during a windy night we could have lost an asset through someones stupid actions. Where residents back on to greenways, parks and unformed roads throughout the district there seems to be a proliferation of junk, rubbish, garden waste, firewood, and even a set of dog kennels in one reserve.

## **OTHER DUTIES**

I am also managing the Twizel Event Centre for the Community Facilities Manager. This takes about ten percent of my time so far.

**RECOMMENDATIONS:**

- (a) The report be received.
- (b) That the committee endorses the work of the Solid Waste Sub Committee and recommends the execution of the 10 year contract for Solid Waste Services with Envirowaste Services Ltd.
- (c) That the committee confirms that 450m of Cricklewood Rd be sealed in this minor improvement programme, subject to acceptable tender price.

**BERNIE HAAR**  
**ASSET MANAGER**

*Endorsed by:*  
**GLEN INNES**

**CHIEF EXECUTIVE OFFICER**