



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 Thursday, June 12, 2014, following the completion 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 Thursday, June 12, 2014

APOLOGIES – An apology has been received from Cr Evan Williams.

DECLARATIONS OF INTEREST

MINUTES: Confirm and adopt as the correct record the minutes of the Asset and Services Committee Meeting held on Tuesday, April 29, 2014.

SUB COMMITTEE MINUTES:

Receive the minutes of the meetings of the following rural water supply committees:

- Ashwick/Opuha Water Race Committee meeting held on May 6, 2014.
- Kimbell Water Supply Committee meeting held on May 8, 2014.
- School Road Water Race Committee meeting held on May 8, 2014.
- Allandale Water Supply Committee meeting held on May 8, 2014.

REPORTS:

1. Asset Manager's Monthly Report – June, 2014 (attached).
2. Albury Domain Reserve (attached).

PUBLIC EXCLUDED:

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

1. South Canterbury Roding Collaboration (attached).
2. Twizel Water Upgrade Fee Approval (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
South Canterbury Roding Collaboration	Commercial sensitivity	48(1)(a)(i)
Twizel Water Upgrade Fee Approval	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: *South Canterbury Roding Collaboration and Twizel Water Upgrade Fee Approval under section 7(2)(b)(ii).*

RESOLUTION TO RESUME OPEN MEETING

MACKENZIE DISTRICT COUNCIL

MINUTES OF A MEETING OF THE ASSET AND SERVICES COMMITTEE HELD IN THE COUNCIL CHAMBERS, FAIRLIE, ON TUESDAY APRIL 29, 2014, AT 10.30am

PRESENT:

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

IN ATTENDANCE:

Wayne Barnett (Chief Executive Officer)
Bernie Haar (Asset Manager)
Suzy Ratahi (Roading Manager)
Geoff Horler (Water Manager) – from 3.08pm
Arlene Goss (Committee Clerk)
Jim Harland (NZTA)
Two other NZTA staff

APOLOGIES:

An apology was received from Cr Russell Armstrong.

DECLARATIONS OF INTEREST:

There were no declarations of interest.

VISITOR:

Jim Harland from NZTA gave a power point presentation to update councillors on the mid-term report of the National Land Transport Programme. This is attached as an appendix to these minutes.

Questions were asked regarding future planning. Cr Smith asked if emergency reinstatements would continue as they are. Jim Harland outlined the amount of money provided for emergency road reinstatements to date. Will be looking at this figure over time. Built into funding from the agency is a level of support for normal weather events, with weather bombs being topped up. Mackenzie DC won't be getting 80% again? Correct. There will be a single rate for everything, but in a genuine emergency NZTA will make up the difference. Who will make the call on whether it's a genuine emergency? This will be a team effort. It involves an assessment of the event and the effects of the event.

Councils will need to consider what preventative maintenance is needed to avoid repeated flooding in some areas.

A question was asked regarding cycle safety on roads. Can cycle ways be built alongside roads? Some have been built in Christchurch where there was enough land to do so.

Jim Harland said NZTA is trying to get projects across the line to spend money on cycling and walking. Cr Cox asked if communities that want to put in cycleway projects can put in applications. The reply was that some projects like Alps2Ocean don't fit comfortably within funding criteria and NZTA is not always in a position to fund for tourism type ventures, but can fund for congestion relief or safety issues.

Cr Cox asked regarding the footbridge in Tekapo, which is currently being considered by NZTA for funding.

Why is number of road deaths in Scandinavian countries half what it is here? They have a more stringent driving test, compulsory insurance, different safety culture, stricter enforcement of speeding, and more choice in public transport.

The chairman thanked Mr Harland and his staff for their informative presentation and also for their positive comments about the work of the MDC roading team.

The meeting was adjourned at 11.10am and reconvened at 3.08pm.

MINUTES:

Resolved that the minutes of the meeting of the Asset and Services Committee held on March 20, 2014, including such parts as were taken in public excluded, be confirmed as an accurate record.

James Leslie/Noel Jackson

REPORTS:

ASSET MANAGERS MONTHLY REPORT – APRIL 2014:

The Asset Manager discussed his report with councillors. The following matters were included in the discussion:

There was a meeting with the Twizel Community Board regarding the Twizel water supply. Bernie Haar will be sending out an itemised list of what the project includes and costings. A public meeting will be held. Cr Smith asked what the purpose of a public meeting would be. The chief executive said the option of having a public meeting came from a discussion with the community board who want support to get the information to the community. There will be an article in the Twizel Update.

Bernie Haar said we haven't highlighted enough the fact that the existing water supply plant is well past its use-by date. Now is not the time to debate whether the reservoir should be covered. The Mayor said public meetings are held to say here is what we are doing, this is why we are doing it, and here is an opportunity to ask questions.

The chief executive asked if council would support having a public meeting. Bernie Haar would like a public meeting that looks at the annual plan as a whole, rather than focusing on the water supply.

Suzy Ratahi (Roading Manager) spoke regarding the roading section of the report. The recent heavy rain created problems and she outlined the sites affected. There has been damage to some bridges but they are being fixed.

The Mayor asked whether our bridges were able to take more heavy vehicles in line with recent policies to encourage larger transport vehicles. We have some bridges under notice that are being replaced, with others that are up to standard.

Cr Noel Jackson left the meeting at 3.29pm

Suzy Ratahi continued to speak regarding the photos in the report. She has finished resealing footpaths in Tekapo and Twizel. Fairlie is still ongoing. The Mayor said the footpaths were great. She asked about the footpath on Mount Cook Street which is still to be completed.

Some people are not complying with the policy regarding the storage of hay bales on roadsides. Suzy Ratahi has written to the three biggest offenders. She would like to amend the policy. The chairman asked her to come back to the committee to discuss policy once she has proof that tractors are damaging the seal. A note to flag this issue will be put in the Mackenzie Messenger.

Geoff Horler (Water Manager) spoke regarding the water, storm water and sewerage parts of the report. Storm water drains around Fairlie need preventative maintenance. Tekapo had problems with wet wipes clogging a sewerage pump. Wet wipes are now cleared from the pump regularly by staff. They are mainly coming from campervans and this problem is common throughout the country.

Burkes Pass has been on a boil water notice which has now been lifted. Testing showed the water had an E.coli count of 12. Medlab didn't inform us until 10 days after the failed test, so we were unable to notify the public until then. This issue has been raised with Medlab.

There was a sewer spill in Twizel last weekend. Two blocks in the pipes. This has been fixed. Whitestone did a good job cleaning up.

Regarding solid waste, the nappy project has gone well. Cr Cox asked if nappies could be sold at Tekapo via the playgroup there. Agreed. The Mayor asked for solid waste education to go into the Mackenzie Messenger to reach ratepayers with holiday homes.

Resolved that the report be received.

Murray Cox/Graham Smith

Cr Evan Williams left the meeting at 3.56pm.

2014/16 RESURFACING CONTRACT:

Suzy Ratahi provided background information on this issue.

Resolved:

1. That the report be received.

Claire Barlow/Murray Cox

2. That council endorses the continuation of the collaboration with Timaru District Council for the delivery of road and footpath resurfacing for the next two seasons 2014-2016.

James Leslie/Murray Cox

SOUTH CANTERBURY ROADING COLLABORATION:

Bernie Haar said there are potential benefits in doing this but he is concerned about timing as we are about to start on 30 year planning. This process should have happened a year ago and doing it now means we are going to be strategically in line for the next round. He doesn't know how much work Suzy Ratahi and himself will need to put into the process but they are stretched over the next few months. If we are going to do this we need to give it our all. A conversation needs to happen regarding the timing of deliverables.

The Mayor said it was the Mayors who decided this was going to happen. If we don't do this it will have an impact on our investment rate from NZTA because we need to be seen to be more effective and efficient.

The chief executive said we are at the start of the process and working out the path. Will be putting in place a project manager who will scope it out and say these are the steps we need to take to get to the result. The MOU asks us to work out a plan to go forward.

Resolved:

1. That the report be received.

Claire Barlow/Murray Cox

2. That the Memorandum of Understanding as appended to the report on Page 32 of the Asset and Services Agenda be endorsed for implementation. This is a draft and will be finalised by the chief executive.

Claire Barlow/Murray Cox

**THERE BEING NO FURTHER BUSINESS THE
CHAIRMAN DECLARED THE MEETING CLOSED AT 4.13PM**

CHAIRMAN: _____

DATE: _____

MACKENZIE DISTRICT COUNCIL

MINUTES OF AN ANNUAL GENERAL MEETING OF THE ASHWICK OPUHA WATER RACE COMMITTEE HELD IN THE COUNCIL CHAMBERS, FAIRLIE, ON TUESDAY, MAY 6, 2014, AT 4.00PM

PRESENT:

Chris McCarthy (Chairman)
Graeme Page
Steve Whittaker
Brian Tiffen
Chad Steetskamp
Paul Gallagher

IN ATTENDANCE:

Cr Graham Smith
Wayne Barnett (Chief Executive Officer)
Paul Morris (Manager – Finance and Administration)
Bernie Haar (Asset Manager)
Geoff Horler (Utilities Manager)
Arlene Goss (Committee Secretary)

APOLOGIES:

Resolved that an apology be received from Ralph Moffat, Cr Evan Williams, Steven Gallagher and Ron Smith.

Steve Whittaker/Chris McCarthy

MINUTES:

Resolved that the minutes of the annual general meeting of the Ashwick Opuha Water Race Committee held on March 18, 2013, be confirmed and adopted as the correct record of the meeting, with the addition of Steve Whittaker's name to the list of those present at the meeting.

Chris McCarthy/Brian Tiffen

REPORTS:

FINANCIAL REPORT/BUDGET:

The report by the Finance and Administration Manager was accompanied by the financial report and budget for the Ashwick Opuha Water Race.

The budget for 2014/15 has been approved in draft by council to go into it's annual plan. If not happy with the rates level the process is to submit to the annual plan asking for a change.

Total budgeted cash costs will be \$14,000, contractor costs will be \$10,800. Appendix 2 shows the water race has 52 consumers.

The water race does not physically fund depreciation but from an accounting perspective it needs to record it. It gets transferred out to council.

Graeme Page asked why the contractors costs are \$10,000 this year. This is to pay raceman Steve Whittaker's time, costs and costs of analysing the samples he takes. The Opus cost of \$6000 for a water efficiency study is also included. A report is available on this study.

Where do consent monitoring costs go? They go to Ecan. Council's last bill was \$13,000 for district wide consents. Water testing costs about \$700 a year, doing two tests a year now.

Will the rate be left at the same level as last year? This was \$254 last year. The committee has enough money in reserve to apply for a further resource consent in the future. It would be hard to justify keeping the rate at the same level as last year based on the level of financial reserves currently held.

The suggested rate of \$209 will cover costs if you take out depreciation. Paul Morris suggested that the committee covers costs at this stage and starts building up a reserve after its next consent is granted.

The committee will be applying for a 35 year consent in 2019 to keep the open race going. There may be difficulty if Environment Canterbury doesn't allow an open race and it needs to be piped. This is an uncertainty and once the facts are known, council can put in a funding plan to deal with it.

Everyone treading delicately around the Soil and Water Plan from Ecan. This may have an impact on water races.

Discussion was held on water testing and the high levels of nitrate in the Opihi. Test results from the water race have been provided to assist with this. The race has suspended solids in the water coming from sheep and beef.

Cr Smith asked if Ecan monitors water flows, yes both quality and quantity.

The chairman asked if there is any expenditure recommended. Another gate was recommended to be built.

Paul Morris said the rural sector will be paying a rates increase of about 5% overall but this does not include any water charges. Graeme Page says it's one of the cheapest water schemes in New Zealand and he would like to see the rate increased to \$230-\$245 to build financial reserves.

Graeme Page suggested a motion that they adopt the rate of \$225 per property per year.

The would be less than what was charged last year, but more than the rate recommended by council staff of \$209. The motion was seconded by Steve Whittaker.

The chief executive asked if council was legally able to rate for money that it has no reason to collect. Paul Morris said council can rate for current costs and capital expenditure in the future. He cannot see any costs that the water race was going to occur that it needed money put aside for.

A vote was taken and the committee agreed to a rate requirement of \$225 per property.

Resolved:

1. That the report be received.
2. That the financial report for the year ended 30 June 2013 be adopted.
3. That the budget for 2014/2015 be adopted as presented.
4. That the water supply recommend to Council a rate requirement of \$225 per property.

Graeme Page/Steve Whittiker

CHAIRMAN'S REPORT:

The chairman reported as follows:

"The water race system has operated very well but we have had a major problem with the water take at Stoneleigh, as in too much water allowed into the race through the gate. This was more than our consent of 40 litres a second over many days.

This was not picked up for months because we have had trouble getting anyone from council to get readings from the data logger on a regular basis.

I wish to thanks Paul, Brian and Steve for their work on the water race this year."

The chairman then asked Paul Gallagher to report on the main Opuha headworks. Paul Gallagher said with a peg it's now easier to monitor and keep an eye on levels. The new junction is working extremely well.

Brian Tiffen said the fish screen needs to be cleaned out every now and then to keep it flowing. Over winter this is creek fed. Easy to get water into the race if they need to. Going well.

Steve Whittaker then presented a race mans report, a copy of which is attached to these minutes.

Resolved that all reports be received.

Paul Gallagher/Graeme Page

A question was asked regarding testing. Steve Whittaker gets test results every three months. He produced the last report from January to March 2014. One test result is good and another a little high. There is uncertainty around one test because the courier did not get the sample to the lab at under eight degrees. Warming of the water sample affects the test result.

Graeme Page requested information regarding trends in water testing results. Bernie Haar agreed that a graph showing test information, including rainfall data, would be helpful.

Users need to be careful to keep their stock out of the race because this influences the test results.

It is important to meet the conditions of the resource consent so when the group re-applies they can get a consent for 35 years, rather than 10 years.

Steve Whittaker asked regarding a set of rules for the management of stock water races. These have been recommended.

Geoff Horler said there is not good record keeping of what happens to the water race. As we go forward we need to tighten up record keeping. If someone wants to change the race there needs to be an application form they can fill it out and sign to say they are aware of the regulations.

The rules are part of the management plan but do not have any legal standing. The council would need to turn the rules into a bylaw if the committee wants the power to act.

The chairman said he and Steve Whittaker would like to look into making the rules a bylaw.

Bernie Haar outline the process to create the bylaw. A draft would need to be taken to council, approved for consultation, then there is a period of 40 working days where it's advertised for public comment and submissions heard by council. This process is set in legislation.

In first instance council can send out a copy of the rules with a cover letter to say the AGM was held, rates set and the committee requested that rules be circulated among users. It would also include the fact that Steve Whittaker is the race man and if they have a problem to contact him. Bernie Haar will draft a letter and circulate it to the committee for approval before sending out.

Geoff Horler also recommended introducing a formal application process so there is a record of changes made to the race.

GENERAL BUSINESS:

ELECTION OF CHAIRPERSON:

The chief executive called for nominations for the position of chairman.

Chris McCarthy was nominated. There were no further nominations and Chris McCarthy was declared elected.

Resolved that Chris McCarthy be chairman of the Ashwick Opuha Water Race Committee for 2014/15.

Brian Tiffen/Graeme Page

ELECTION OF COMMITTEE:

The chairman called for nominations for the committee.

Resolved that all present at the meeting, and those who have made apologies remain as members of the committee for 2014/15.

Chris McCarthy/Steve Whittaker

OTHER BUSINESS:

Paul Gallagher raised the issue of one land owner who he believes has up to 60 cattle grazing free ranging among council owned forestry and these are affecting the water race. Geoff Horler has also had a concern relayed to him by Cr Evan Williams on this matter. It was decided to discuss the management of this forestry block with the Forestry Manager as a first step.

THERE BEING NO FURTHER BUSINESS THE CHAIRMAN DECLARED THE MEETING CLOSED AT 5.35pm

CHAIRMAN: _____

DATE: _____

6/5/14

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Raceman's Report - Ashwick Opuha Water Race Committee

I am pleased to present the Raceman's annual report from March 2013 through to April 2014.

The race system has functioned reasonably well over the year especially during the drier periods from January to March. The By-wash readings in December 2013 was 84.9 litres/sec average over the seven sites. From January 2014 to April 2014 our average at all sites fell to 34.30 litres/sec, this is due to less rainfall and spring water drying up which supplement our flows.

Paul Gallagher and myself retrieved the weir from Ron Smith's old irrigation race, which we took down to Ashwick Welding and had it modified, so we could install it at the junction, at the top of the terrace. Paul and I put it in with Paul's hire digger in January 2014. It now gives us the ability to control the flows alot more accurately as we can measure the flow over the weir and use the gate to put roughly $\frac{1}{3}$ (25 litre/sec) down to Trentham race and 50 litres per sec across Ashwick Flat. While we were installing the weir we had a breakage on the control gate up at the headworks, Gary Bolton was able to come and repair it on site and is now alot easier to wind up & down.

The data loggers have been a bit of an issue. Paul Forbes who was down loading the information resigned before Christmas and there wasn't a replacement until February. We hadn't had a reading for some time Matt down-loaded the information in March and the Stoneleigh logger had recorded 147 days we had exceeded our consented flow of 40 litres/sec. over a 337 day period that averaged out to 7.46 litres/sec over the 147 days we need to have more regular readings and to be more prudent when there is significant rainfall in the upper catchment which is raising the flows really quickly.

The Opuha intake data logger recorded 12 days where we exceeded our 75 litre/sec flow but the average amount we were over on those 12 days was 0.78 litre/sec. and that was over a 100 day period. Rainfall recorded by Brian Tiffan during April was 215 mm. at Stoneleigh.

We are now only sampling two sites for water testing Gillies and Trotter drains. We have been sharing some test results with the Triggators Group as regards to some high readings measured by Ecan going into the Ophi river. The concern is with suspended solids so any consumers grazing cattle need to keep them out of races by hot wire and only giving them access via a drinking bay. All dairy farms have the races fenced so sheep and beef are being looked at as the problem.

John O'Connor resigned in 2013 mid-year and I would just like to acknowledge his contribution to the scheme while he was employed by M.D.C. especially the effort in regaining our consent to take water and the setting up of data loggers etc.

I would like to move my report for adoption

Stephen Whittaker.

MACKENZIE DISTRICT COUNCIL

MINUTES OF AN ANNUAL GENERAL MEETING OF THE KIMBELL RURAL WATER SUPPLY USERS HELD IN THE COUNCIL CHAMBERS, FAIRLIE, ON THURSDAY, MAY 8, 2014, AT 8.30AM

PRESENT:

Richard Davis (Chairman)
Charles Waters
Maree Davis
Brian Beattie

IN ATTENDANCE:

Cr Evan Williams – from 8.48am
Wayne Barnett (Chief Executive Officer)
Paul Morris (Manager – Finance and Administration)
Geoff Horler (Utilities Manager)
Arlene Goss (Committee Clerk)

APOLOGIES:

There were no apologies.

MINUTES:

Resolved that the minutes of the annual general meeting of the Kimbell Rural Water Supply Users held on March 18, 2013, be confirmed and adopted as the correct record of the meeting.

Richard Davis/Charles Waters

REPORTS:

FINANCIAL REPORT/BUDGET:

The report from the Finance and Administration Manager was accompanied by the financial report and budget for the Kimbell Rural Water Supply.

Paul Morris went through the report and explained the figures. Forecast is for a cash surplus of about \$884. Costs look close to what was predicted. Budget for next year is similar. There have been no changes to costs spent in last few years. A resource consent renewal required in 2032 should not be a hassle to get under normal circumstances.

Resolved:

1. That the report be received.
2. That the financial report for the year ended 30 June 2013 be adopted.

3. That the budget for 2014/2015 be adopted as presented.
4. That the Water Supply resolves to collect \$1,100 (GST exclusive) from users prior to 30 June 2015.

Richard Davis/Charles Waters

CHAIRMAN'S REPORT:

The chairman reported as follows:

"Another year has gone by with no dramas. With continued cooperation and a sharp eye out for leaks, all should remain running well."

Resolved that the report be received.

Maree Davis/Brian Beattie

The chairman noted that at the user end there don't seem to be any great difficulties. The running of the supply is self-managed. He asked council staff if they had any issues with the water supply and there were none.

Paul Morris asked if the committee had a desire to move towards a rating system rather than a contribution. The chairman asked if anyone has not paid their contribution to the scheme. Everyone has paid. Paul Morris said he is asking because we are coming into the Long Term Plan process, so now would be the time to change this. The committee did not see a need for change.

GENERAL BUSINESS:

ELECTION OF CHAIRPERSON:

The chief executive called for nominations for the position of chairman.

Richard Davis was nominated. There were no further nominations and Richard Davis was declared elected.

Resolved that Richard Davis be chairman of the Kimbell Rural Water Supply Users for 2014/15.

Charles Waters/Brian Beattie

ELECTION OF COMMITTEE:

The chief executive called for nominations for the committee.

There was some discussion regarding whether the committee should comprise of all water users or a group of users. It is difficult for meetings to reach a quorum when the committee is made up of all users. Ratepayers

need to be reminded before each meeting to increase interest. The chairman offered to phone around people before the meeting next year to remind them to attend.

Resolved that all users of the supply remain as members of the committee for 2014/15.

Richard Davis/Charles Waters

OTHER BUSINESS:

The chairman requested that next year's meeting be scheduled at 8.30am.

**THERE BEING NO FURTHER BUSINESS THE CHAIRMAN DECLARED THE
MEETING CLOSED AT 8.57am**

CHAIRMAN: _____

DATE: _____

MACKENZIE DISTRICT COUNCIL

MINUTES OF AN ANNUAL GENERAL MEETING OF THE SCHOOL ROAD WATER RACE USERS HELD IN THE COUNCIL CHAMBERS, FAIRLIE, ON THURSDAY, MAY 8, 2014, AT 9.30AM

PRESENT:

Keith Walker (Acting chairman)
Phil McCabe
Warren Walker
John Wright
Kevin O'Neill
Joe Harrison

IN ATTENDANCE:

Cr Evan Williams
Wayne Barnett (Chief Executive Officer)
Paul Morris (Manager – Finance and Administration)
Bernie Haar (Asset Manager)
Geoff Horler (Utilities Manager)
Arlene Goss (Committee Clerk)

WELCOME:

Keith Walker welcomed everyone to the meeting and said he is acting as chairman in the absence of Keith Stanley.

APOLOGIES:

Resolved that an apology be received from Keith Stanley (chairman) Ross Moore, and Michael Phillips.

Kevin O'Neil/Warren Walker

MINUTES:

Resolved that the minutes of the annual general meeting of the School Road Water Race Ratepayers committee held on March 18, 2013, be confirmed and adopted as the correct record of the meeting.

Warren Walker/John Wright

REPORTS:

FINANCIAL REPORT/BUDGET:

The report by the Finance and Administration Manager was accompanied by the financial report and budget for the School Road Water Race.

The water race expects to spend \$3,120 on consent monitoring and contractors. There are no capital works planned in the next 10 years.

The acting chairman asked if the \$1,400 is an annual fee for consent monitoring. Yes, this will continue each year. No reports have been received from Ecan since a new screen has been put in place. Council is monitoring the flows, flows are steady and within the terms of the consent. No problem with flows. There was a request to add a report to the agenda for the next meeting.

Kevin O'Neil asked why the amount received from rates has increased. The rates charged remains the same but the number of hectares covered by the water race has increased. The new hectares are owned by Keith Stanley and the Mackenzie A&P Society.

The acting chairman asked regarding interest. Paul Morris said it was originally anticipated that the scheme would be in deficit, however this did not occur so no interest was charged.

There was a question regarding the work covered by the contractors fee. This was paid to Keith Stanley but he was not present at the meeting to provide details.

Warren Walker asked if the consent charge of \$1400 would remain the same in years to come. Yes. Asset manager Bernie Haar explained the breakdown of billing received from Ecan. The chairman asked if the 30 year consent was still in place. The answer was yes.

Resolved:

1. That the report be received.
2. That the financial report for the year ended 30 June 2013 be adopted.
3. That the budget for 2014/2015 be adopted as presented.
4. That the water supply committee recommends to council the per hectare rate be set at \$3.71 per hectare (inclusive of GST) and the per property rate be set at \$30.00 per property (inclusive of GST).

Warren Walker/John Wright

CHAIRMAN'S REPORT:

The acting chairman read the chairman's report to the committee as follows:

"I apologise for not being present at the meeting. I have asked Keith Walker to be acting chairperson on my behalf. The water race has run well again this year with no financial problems. But Fairlie Creek got very low in January and we were taking all the water at that stage, so the water race was low for a fortnight. There was nothing we could do about this."

Keith Stanley, Chairman, 16/04/14

Resolved that the report be received.

John Wright/Kevin O'Neill

GENERAL BUSINESS:**ELECTION OF CHAIRPERSON:**

The chief executive officer called for nominations for the position of chairman.

Keith Stanley was nominated. There were no further nominations and Keith Stanley was declared elected.

Resolved that Keith Stanley be chairman of the School Road Water Race Committee for 2014/15.

Warren Walker/John Wright

ELECTION OF COMMITTEE:

The chief executive called for nominations for the committee. There was a discussion regarding the ability for the committee to achieve a quorum at meetings if all users of the supply are members of the committee. Kevin O'Neill asked if it was possible to change the standing orders around a quorum. The chief executive will look at this and suggested that those present talk to other water users about this for discussion at next year's meeting.

Resolved that all users of the supply remain as members of the committee for 2014/15.

Warren Walker/John Wright

THERE BEING NO FURTHER BUSINESS THE CHAIRMAN DECLARED THE MEETING CLOSED AT 9.55am

CHAIRMAN: _____

DATE: _____

MACKENZIE DISTRICT COUNCIL

MINUTES OF AN ANNUAL GENERAL MEETING OF THE ALLANDALE WATER SUPPLY RATEPAYERS HELD IN THE COUNCIL CHAMBERS, FAIRLIE, ON THURSDAY, MAY 8, 2014, AT 4.00PM

PRESENT:

Neil Campbell (Chairman)
Stephen Adams
Andrew Johnson
Cr Evan Williams
Steve Whittiker – from 4.18pm

IN ATTENDANCE:

Wayne Barnett (Chief Executive Officer)
Paul Morris (Finance and Administration Manager)
Bernie Haar (Asset Manager)
Geoff Horler (Utilities Manager)
Arlene Goss (Committee Clerk)

APOLOGIES:

Resolved that apologies be received from Roland Johnson and David Morgan.

Evan Williams/Stephen Adams

MINUTES:

Spelling correction noted – “manger” to be changed to “manager”.

The chairman noted that in the section under report, third paragraph, the key costs for the financial year refer to the Spur Road section of the scheme.

In the last paragraph, the rate requirement of \$180 GST inclusive should be noted as referring to the Spur Road section of the scheme.

Resolved that the minutes of the annual general meeting of the Allandale Water Supply Ratepayers held on March 19, 2013, be confirmed and adopted as the correct record of the meeting, with the corrections noted above.

Evan Williams/Stephen Adams

REPORTS:

FINANCIAL REPORT/BUDGET:

The report by the Finance and Administration Manager was accompanied by the financial report and budget for the Allandale Water Supply.

Variances to the budget were explained. Current year forecast is a surplus of \$10,976.

Paul Morris, Finance and Administration Manager, explained why the scheme had been paying less interest than the official cash rate. A discussion was held on depreciation. The chairman asked if once the depreciation is paid the committee would have a credit with the council earning interest. Yes. Over the life of the scheme there will be an intergenerational spread of costs. We are currently only 12 years into the scheme and it's coming down well.

The chairman is happy with how things are going but he is looking into the future.

Paul Morris said depreciation depends on the cost of replacement and the life of the asset. Part of the debate with valuers has been in answering the question - what is the life of the asset?

In June 2015 Mr Morris expects the balance of the Allandale section to be a deficit of \$60,938, but that section will have spent \$5,400 on costs.

Regarding rates, he said rural properties are showing an increase this year of 4-5% for the rural area overall.

He then went over the Spur Road set of accounts. Spur Road had to rate for a debt it had which has now been repaid. The Spur Road section was now debt free.

Steve Whittaker joined the meeting at 4.18pm.

Mr Morris explained the agenda contained three sets of financial records. One for Allandale, one for Spur Road, and one for both combined.

Geoff Horler, Water Manager, said contractor costs had been up this year. The maintenance budget was over spent significantly due to a number of breaks, especially in the area leading up to Spur Road and in the Mount Michael area.

Breakages are due to the use of butt-welded low-density thin wall. The weld is not complete. Needs to be done properly with electro fusion welding equipment. This will be an ongoing problem for pipe joins in an area of the scheme.

The chairman said this is “the price we are paying for the job we got at the time”. It was the cheapest contract by far.

Bernie Haar, Asset Manager, said if this was going to be an ongoing problem the council needed to talk to Whitestone about buying the equipment needed to fix it. Electro fusion welders are not cheap to buy. Also need to train staff to use them correctly.

The chairman asked if we should be increasing the rate due to over expenditure on repairs and maintenance. Paul Morris said no.

Resolved:

1. That the report be received.
2. That the financial report for the year ended 30 June, 2013, be adopted.
3. That the budget for 2014/2015 be adopted as presented.
4. That the water supply recommend to council a rate requirement of \$212.12 (GST Incl.) per unit to achieve an income requirement of \$100,714 for the Allandale section of the scheme.
5. That the water supply recommend to council a rate requirement of \$162.54 (GST incl) per unit to achieve an income requirement of \$9,470 for the Spur Road section of the scheme.

Andrew Johnson/Stephen Adams

CHAIRMAN'S REPORT:

The chairman reported as follows:

The scheme continues to function well. Didymo still requires weekly visits to the intake. John O'Connor, the council manager, retired. John had been overseeing the scheme since the relocation of the intake and internal upgrade. I would like to record the scheme's appreciation of this input.

This further highlights my comments made last year about accurate record keeping. This is not a small scheme where everyone knows their neighbour. There is a percentage of the scheme members I don't know.

Geoff Horler, our new asset manager, has some comments to make on this. Please inform me if you have any issues to report.

Resolved that the report be received.

Neil Campbell/Steve Whittiker

GENERAL BUSINESS:

ELECTION OF CHAIRPERSON:

The Finance and Administration manager called for nominations for the position of chairman.

Neil Campbell was nominated. There were no further nominations and Neil Campbell was declared elected.

Resolved that Neil Campbell be chairman of the Allandale Water Supply Ratepayers Committee for 2014/15.

Stephen Adams/Evan Williams

ELECTION OF COMMITTEE:

The Finance and Administration manager called for nominations for the committee.

There was some discussion and those present decided to retain the same committee as last year with the addition of Andrew Johnson.

Resolved that the committee for 2014/15 be Neil Campbell, Stephen Whittaker, Tony Habraken, Simon Geary, Steven Adams, Evan Williams, David Morgan and Andrew Johnson.

Neil Campbell/Evan Williams

OTHER BUSINESS:

Geoff Horler, Water Manager, raised the issue of keeping better records of the members of the scheme, what has been done to the scheme and billing information.

One of the concerns was B shares. He thought B shares could be better managed with a hydraulic programme and this could make the committee safer. This was currently used by Waimate District Council.

There was also a need to introduce application forms to record any changes made to the scheme, and to keep as a record of what is done.

The chairman said when B shares came in there was a standard form at that time, but since then new people had come onto the scheme.

Geoff Horler said there needed to be fees up front so people knew what they were in for before work began. A set of fees needed to be sent out, not just with this scheme but across the district.

He would like to see the committee programme in a yearly tank inspection so contractors would go around and randomly inspect tanks once a year to keep an eye on what lifestylers are doing. This would give the committee a better idea of what was happening on the scheme.

Any leaks were recorded on the council's GIS mapping system as the were notified. This helped keep track of where the leaks were and if lines needed replacing.

The chairman asked Mr Horler for a monthly email record of Whitestone's maintenance and repair work so he could keep track of what was happening.

Bernie Haar, Asset Manager, explained that council had a software programme called Asset Finder with a mobile application. Council was currently assisting Whitestone to use this because it attached information to the asset on council records when an asset was repaired. He believed this would add to the management of water schemes in the future.

Bernie Haar suggested another meeting of the committee be planned, and he asked Geoff Horler to prepare a report on the B shares for discussion by the committee. The policy around the B shares needed to be thrashed out to get the processes right.

The chairman suggested that everybody who had received B shares be asked to sign a document to say they understood these shares could be forfeited.

Bernie Haar said the committee needed to tell people "this is what you are allocated, this is what you are using". The chairman said it was a good discussion and there was a need to carry it forward.

A question was asked regarding a property with changed land use on Spur Road. The owner asked for more units and was told they could have 10% maximum. This was not enough, so they were building a storage pond to take and store the maximum amount.

The committee heard that taking the maximum amount of allowed water every day of the year would have an impact. If cropping farmers went back to stock the impact would be large. If half of the consumers started storing water the scheme would be in trouble.

The chairman would like to record a note of thanks from Rosemary Moran for the meal voucher. He read this note to the group.

**THERE BEING NO FURTHER BUSINESS THE CHAIRMAN DECLARED THE
MEETING CLOSED AT 11.02am**

CHAIRMAN: _____

DATE: _____

Unconfirmed

MACKENZIE DISTRICT COUNCIL

REPORT TO: ASSETS AND SERVICES COMMITTEE

FROM: ASSET MANAGER

SUBJECT: ASSET MANAGER'S MONTHLY REPORT

MEETING DATE: 12th June 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

Sewerage

Twizel Land Purchase

The CEO has received information on two Valuers and has put together a request for valuation consideration prior to engagement.

Projects - Water Supply Programme

Fairlie

A design has being prepared for the long term turbidity monitoring. Staff will be discussing access with the land owner shortly.

Twizel- Proposed upgrade to meet DWS

The Utilities Engineer and I are to meet with Opus International Consultants last week to review progress.

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

Item	Outcome
1) Replacement Twizel Wellfield Pump This is a Goulds, Type 11- CNLC-1	Completed
2) Twizel Water Alkalinity and pH Adjustment 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

<p>3) Twizel Reservoir Liner Replacement</p> <p>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?</p>	<p>A report is being prepared covering life remaining, replacement material options, cover options and advantages/disadvantages, replacement procedure issues, and replacement timing.</p> <p>Draft report will be completed shortly.</p> <p>Climate and Water Demand matching will determine the installation period. Consumers will be informed and cooperation requested.</p>
<p>4) Twizel water - Bench scale testing of 1um cartridges for turbidity removal</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>Samples for Filtec, and particle sizing, have been taken and sent away for testing.</p> <p>On-line testing to start as soon as possible. Photos of inside building supplied by Geoff. Opus to design and detail set-up. This information to go to Geoff to arrange installation.</p> <p>Opus to prepare testing procedure and record sheets for operating Contractor (Whitestone Contracting Ltd).</p>
<p>5) Twizel water — Possible alteration of Screens (Log credit reduction)</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.</p> <p>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.</p> <p>It is not known if screening below 10m would allow sufficient flow to be extracted from the wells.</p> <p>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>This work is being arranged</p>

<p>6) Twizel Water PHRMP Will be delayed until better idea of forward programme is known. Approved PHRMP must be in place by 1 July 2014. Therefore must be submitted to DWA no later than mid-May 2014.</p>	<p>Opus have been tasked to complete this and lodge it with the Ministry of Health to meet their deadlines. This has been lodged and is also attached to this report for information. Once approved we will be compliant with DWS.</p>
<p>7) Twizel - Policy on Fire fighting, Domestic supplies, and (reserves) Irrigation <u>Fire fighting</u> Confirm that FW2 (PAS 4509:2008) classification required for Twizel with on-site storage in restricted supply areas (30 m3 tanks with 20 m3 for firefighting). FW3 to be allowed for Twizel CBD area. <u>Domestic Supplies</u> Water supply "on-demand" and "restricted supply" areas as shown in MDC Activity Plan (2011) Figure 3.5.6a. Restricted supply-1 unit per property per day (1,820 litres). <u>(Reserves) Irrigation</u> Will decision on irrigation supplies be made before modelling undertaken, or will modelling be used to aid decision?</p>	<p>Confirmed.</p> <p>We have supplied Opus with the copy of the plan detailing Council policy showing those areas of "on-demand" and "restricted supply".</p> <p>Flow monitoring has been carried out on the irrigation lines to determine the volumes of water used for irrigation so that this can be allowed for in the design.</p>
<p>8) Twizel Information Reticulation Modelling What has changed since 2009? New connections Updated water records Any changes to the operating of the secondary (booster) pumps Reserve irrigation volumes?</p>	<p>List of new connections and increased demand confirmed. Review of Zones in the District Plan completed to determine the future area to be serviced completed. All this information is being feed into the Hydraulic Model to confirm the future demand and therefore sizing of the pump sets etc. Data Loggers positioned around town in various locations collecting mains pressure data.</p>
<p>9) Twizel Booster Pumps</p>	<p>The existing plant room will have to be measured up and then assessed to see how the new pump set can best fit in the building whilst keeping parts of it operational during the fit out. Completed</p>

<p>10) Telemetry Review the current Scada systems available on the market to see what can best meet our needs.</p>	<p>Completed. Reviewed both SMS, internet and radio link systems. Radio is clearly the best and of the three packages available, it has been decided to use the “Lester Abbey” system as it best meets our needs and is also used by our neighbours. This provides the opportunity for sharing of technical support, training and collaboration.</p>
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ROADING

Roading

Environmental Maintenance

At the time of writing this report there had been a number of frosts, with some ice gritting required, a reminder that snow isn't likely to be far away. The contractor has the machinery at the ready for a snow event and has ensured there will be the big V-ploughs available again this year should the need arise. Council's Contractor is continuously monitoring many forecasting systems, attempting to ensure no significant events go undetected.

Maintenance

The application of maintenance metal is coming to an end. The local source metal trials have been extended to Haldon Road due to the success of the metal on Braemar, Hamilton and Mount Nessing Roads. We are crushing the slip material from Mackenzie Pass Road and spreading this on Haldon Road. This material was tested over the winter on Braemar Road last year and showed no signs for deformation.



Crushing Site – Mackenzie Pass Rd



Metal on Haldon Road

Hollow Core Bridge Repair – Lochaber Road

Dave Charters, Council's Structural Engineer is progressing a method for repairing these structures in-situ. In many ways the easy option would be to dismantle the deck and replace the cracked units. This would, however, be disruptive and expensive and would have no guarantee that the grouted joints could be parted, possibly resulting in a complete new deck at huge cost.

He believes that the problem was caused by a combination of circumstances. In terms of climate, the Lochaber Road to the east of Mickleburn Saddle could be expected to be very cold in winter, possibly experiencing almost permafrost conditions. The combination of a dump of snow last winter followed by a mild Nor-Wester resulting in a rapid thaw and flooding followed by further cold weather, coupled with the random installation of drain holes in the hollowcore units has, he also believes, led to the chilling of the concrete units and inundation of the hollowcores themselves with water. Freeze thaw cycles then caused the expansive forces resulting in the cracking which Mr Charters spotted during his inspections.

The approach he suggests has several strands.

1. The units will be checked for the presence of drain holes. These will be drilled, (say 25mm diameter sufficient), where absent.
2. Cracked areas will be injected with expansive polyurethane foam, (Sika Injection-101-RC). This will provide a backstop to subsequent injection of the cracks.
3. The cracks will be water blasted.
4. The cracks will be routed.
5. The cracks will be injected with resin, (Sikadur 52).
6. FRP overlay will be laid over the cracked areas, full width of the affected units.
7. As the resin used with the FRP system is water susceptible in the long term this will be coated.

Having carefully considered the impact of the identified cracking on structural capacity his advice is that the effect will be a slight but acceptable reduction in capacity. This reduction will be offset by the repair procedure outlined above. As an additional margin of safety, the bridges' capacity in terms of overweight capacity will be slightly reduced. The bridges will remain at full Class 1 capacity.

Bridge Replacements – Minor Improvements

Due to the Land and Water Regional Plan being appealed in it's entirety, no portion of the plan is operative and as the case has to go to high court there is no indication of when the plan will actually be operative. As a result of this we are working under the NRRP which means we need a consent to remove and replace the three bridges, Long Gully, Oldfield's and Pioneer Park. We are working closely with Environment Canterbury to ensure the consent conditions are minimal.

Footpath Works – Townships Reserves

All footpath works are now completed with many streets in Fairlie and Twizel looking refreshed and Lakeside Drive in Tekapo much safer for pedestrians.

Funding Assistance Rate Review (FAR Review)

The NZTA Board has confirmed the overall framework for setting FARs. It approved an overall co- investment rate of 53%, and confirmed that each Council will get one rate for all activities (other than for emergency works or targeted rates). The normal FAR rate for many Councils following completion of the transitional period, ie those that do not receive a higher rate, will be 52%. The higher rates to assist specific Councils, and the basis on which those will be derived, have yet to be determined.

In response to concerns around avoiding substantial rate drops, the Board confirmed the transitional arrangements to ensure all changes to the FAR are completed in the next nine years or over the next three NLTP cycles. No Council will drop more than 1% from their current normal FAR in each year of the 2015/18 NLTP period and subsequent NLTPs if necessary. **NZTA have calculated that the start rate for transition for Mackenzie District Council is 55%.** This does mean however, that rates rises from this current rate will also need to be transitioned in a similar and matching manner.

Principles around FARs that apply for emergency works are confirmed to provide clear guidance as to how this issue will be managed, and they will be revising their current policy in line with these principles.

State Highway – Journey Manager and the new Network Outcome Contract

Council staff and Councillor Williams met with Lee Wright, Journey Manager, NZTA and John Keenan, Maintenance Contracts Manager, NZTA on the 14th of May to discuss how NZTA are now running their network and also issues that Mackenzie District Council have about the State Highway that have remained unresolved. Issues discussed were;

- Pusey Gorge Cycle Safety and the possibility of opening the old stock droving track above the road
- Allandale Bridge, concerns with pedestrian and cyclist safety
- Aires Station Road Access, where we met with landowners to discuss the lack of visibility from both approaches.
- Pedestrian Crossing or Refuge on the Main Street in Fairlie

So far we have had the following updates

- Allandale Bridge is to receive pedestrian warning signs
- The Give way line and sign on SH8 turning left into SH79 is to be removed as it contravenes the new turning rule. NZTA plan to do a local media release regarding this.

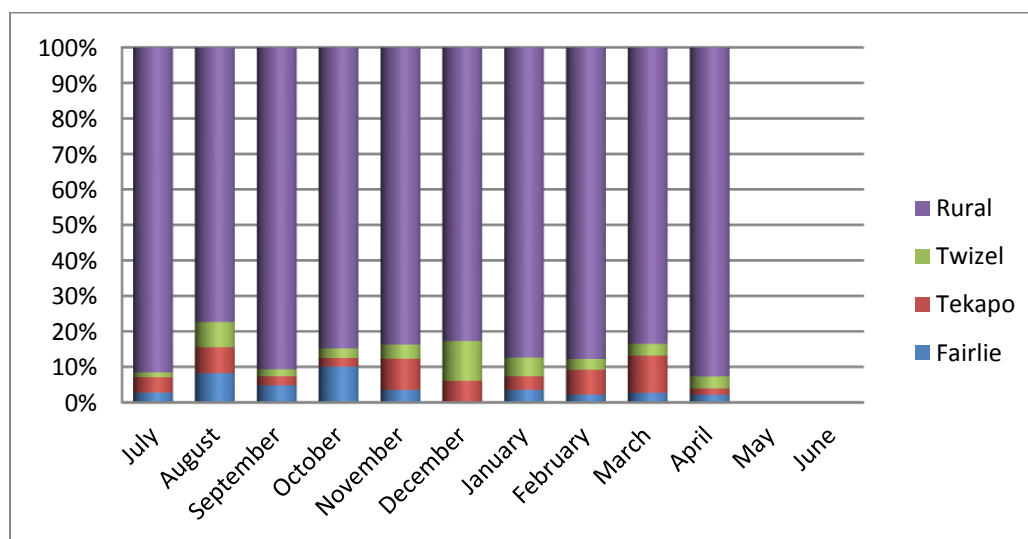
One Network Road Classification

Work has begun classifying Mackenzie Districts Roads in accordance with the guidelines which were distributed earlier this year, and this stage it looks like the majority of Mackenzie's Roads will fit in under "Local Access Roads – Low Volume" with a few possibly making it into the "Secondary Collector" classification. At this stage we are unsure how this will reflect on our funding levels, but there is a requirement to build the implementation of these classifications into our Activity Management Plans which are to be included in our Funding Application to NZTA for the 2015/18 National Land Transport Programme.

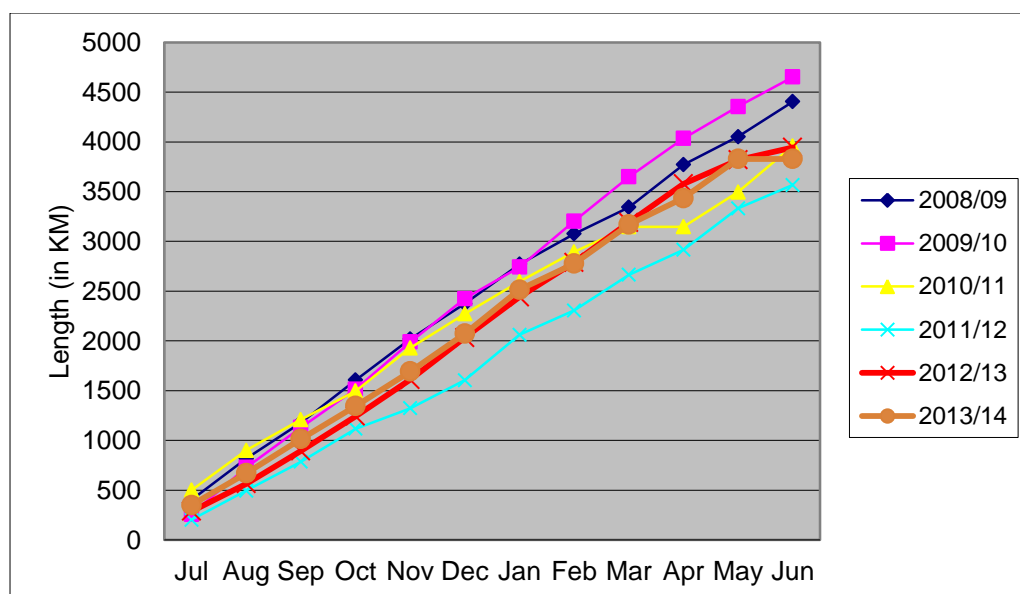
National Land Transport Programme – Mackenzie District Council’s Bid to NZTA for Funding

Every three years Road Controlling Authorities, such as Mackenzie District Council, must apply to NZTA for funding. The time has rolled around again, and staff have begun compiling data which has been collected over the last three years to give us our strongest case possible. There have been indications that there will be a mandatory full business case for each of the Maintenance, Operations and Renewals Funding applications, but as yet we have not seen the complete requirements. There is a large amount of staff resource required to complete this work.

Amaglamated Roding Budgets Graph Showing Percentage Share



Unsealed Road Grading (Cumulative)



ESSENTIAL SERVICES

FAIRLIE

Water:

Operation and Maintenance expenditure YTD is \$52,523 which is over the full year budget. Unfortunately we reduced the budget this year on the back of reduced repairs in 2012/13 but due to the number of repairs to date we are already over that budget. In hindsight it was a mistake to reduce the budget by 10,000 from the previous years. There was a leak on the 80mm line from Kimbell that had to be repaired.

Capex budget used YTD \$141,311 which is \$6,311 over budget. This should be it for the rest of the year as the footpaths are now completed.

Opus is preparing a design for the installation of the temporary turbidity monitoring of the spring on Charles Waters property. The physical works will be carried out early in the 2014/15 financial year.

Wastewater:

Operations and maintenance expenditure YTD is \$25,373 budget. There is a very good possibility that this will run over budget for the year due to the blockage on the line going through the golf course.

Stormwater:

Operations and maintenance expenditure YTD is \$2,136 under budget. There still some cost to come in on work done at some of the stormwater outlets.

TEKAPO

Water:

Operation and maintenance expenditure YTD is \$44,790 is over budget. There have been no major problems in Tekapo in the last month or so. The ongoing problem with the Bakery meter will be sorted out in the next month. This will be done under the planned maintenance budget. In Burnett Pl a number of laterals have had leaks on them this may mean that the pipe used was a bad batch. We are monitoring this but may have to replace all the service laterals in the street.

Wastewater:

Operations and maintenance expenditure YTD is \$33,875 under budget. Everything is running smoothly with the sewerage system.

Stormwater:

Operations and maintenance expenditure YTD is \$3,761. Things have come back in line with this budget and should be on budget.

TWIZEL

Water:

Operation and maintenance expenditure YTD is \$75,474 is on budget. There seems be another run on faults with leaking tobies again as the cold weather sets in.

The devices that we are using to capture the pressure reading around the town have been removed for the winter and will be put back out once the threat of frosts are over. The plan is to continue with this data capture over the whole town.

The six samples of AC pipe that were collected have been tested and the results sent back to us. It was found that two of the samples were in good order. Three of the samples confirmed an earlier report that the remaining life of the pipe has been reduced and recommends replacing around 2020-2025. One sample came in as in very poor condition and it was

recommended that it be replaced in the next 1-2 years. This initial testing went over budget but is important to understand the condition of the Asbestos Cement water and plan for its eventual replacement.

Due to the variability of the results we have decided to resample the worst pipe section again and get other samples across the town to get some certainty on the remaining life. The cost of this will be met by the Twizel upgrade budget.

Of the 59,200 m of water pipe in Twizel, 25,500m is AC pipe and based on current estimates would cost \$2.6m to replace. Indication are that during the life of our 30 year infrastructure plan that we are required to produce all of the AC pipe will be replaced. The results of the this work and the funding implications will be the subject of a full report later in the year.

As part of the upgrade to the Twizel Water Supply there is a need to have a SCADA system monitoring the new plant in real time. This will allow us to not only to know what is happening at the treatment plant at any given time but also allow us to demonstrate compliance with the drinking water standards. Research was carried out on all the available systems to determine what was best for our needs.

Cellular, Broadband and Radio are the current options and these were reviewed thoroughly. Radio proved to be the most reliable and cost effective with good coverage across our district. There are three main players in New Zealand, one is Australian based, the other two are based in New Zealand, one in Wellington (Abbey system) the other in Christchurch (QTech). We then talked to Timaru and Waimate District Council's to see what systems they use and both use the Abbey system.

We have decided that as all three systems were of a similar specification and cost (up front and on-going) that the Abby system would be the preferred option. The deciding factor was the opportunities that this gives us for collaboration, training and support with our neighbours. This decision has the potential to save costs and develop further the collaboration with both our neighbours and Timaru DC in particular.

Wastewater:

Operations and maintenance expenditure YTD is \$25,797 which is running on budget.

Stormwater:

Operations and maintenance expenditure YTD is \$2,359 is under budget. Recently we have been made aware of blockages in a key open drain that surrounds the south area of Twizel draining the Hooker Crescent area. These blockages will be removed to reinstate the integrity of the open channel network.

SOLID WASTE

Education projects

The information below is the annual report on the Paper4trees programme that we support in the Mackenzie. The cost to us is \$120 per school and there are 8 schools participating in the programme.

Paper4trees Programme – Annual Report 2012-1013

Environmental Education for Resource Sustainability Trust (EERST)

EERST is a community based, not-for-profit organisation and a member of the Community Recycling Network (CRN), WasteMINZ and the Sustainable Business Network (SBN) in New Zealand.

Our aim is to work with preschools, schools, businesses and communities to encourage behaviour change and develop practical effective waste minimisation programmes. We believe that through education, action and the provision of services, all communities can live more sustainably.

Paper4trees - Waste minimisation programme for schools and preschools

The Paper4trees programme continues to expand throughout New Zealand with the help of funding from local councils, regional councils, grants and corporate sponsors.

Paper4trees is the largest school-based recycling programme in the country with 4,047 schools and preschools currently participating. This number continues to rise as we have new schools and preschools joining each month. Paper4trees is more than paper and cardboard recycling. Although paper and cardboard accounts for about 70% of school waste, the programme is now focusing on assisting schools with beverage container recycling projects and organic waste diversion projects. During 2013, Paper4trees implemented a School Beverage Container Recycling Programme in conjunction with Keep New Zealand Beautiful. Our focus for 2014 is to promote organic waste diversion in schools through our partner FriendlyPak - www.friendlypak.co.nz. We are also encouraging schools to utilise The Waste Exchange — www.nothrow.co.nz.

We provide schools and preschools with the resources and equipment needed to set up and maintain their own in-house recycling systems. Each participating school and preschool has been supplied with 30 litre green bins for every classroom, library and office space, etc inside the school. Paper and cardboard account for the majority of waste and this is naturally the easiest material to begin sorting and recycling. We encourage schools and preschools to move to other waste streams once they have their paper and cardboard sorted. Each school and preschool is asked to record their recycling data throughout the year via our online database which is accessible through the Paper4trees website. Those schools and preschools that wish to plant trees can earn a specific number of trees based on their annual recycling volume.

The most important aspect of the programme is that these schools and preschools are consistently supported to increase resource recovery, which is diverting resources from landfill. Offering the schools and preschools trees for recycling is purely an incentive to get them to the website to record their diversion statistics. Our Paper4trees programme

managers are in constant communication with the schools to offer assistance.

Paper4trees continues to achieve in four key areas:

- *Reduction in the volume of waste to landfill in your local community, therefore a reduction of methane gas and leachate from landfills.*
- *Increased tree planting means a reduction in the CO₂.*
- *Education and behaviour change around waste minimisation, environmental awareness and encouraging effective recycling practises.*
- *Job creation within the resource recovery industry, which creates local economic development in the collection and processing of recovered materials.*

As the programme continues to grow and schools and preschools are encouraged to minimise more waste, it becomes more challenging for our team to meet the needs of these schools and preschools. To this end we are extremely grateful to those councils, corporate partners, and funding agencies that make it possible. See our website for a full list of sponsors.

Paper4trees in the Mackenzie District Recycling and tree planting results for 2012/2013

During 2012/2013, no additional schools or preschools joined the Paper4trees programme in Mackenzie, leaving the total amount of schools participating in Mackenzie District at 8.

Schools and preschools participating in Paper4trees in Mackenzie District:

Albury School	Fairlie School	Twizel Area School
Aoraki Mount Cook School	Lake Tekapo School	Mackenzie College
	St Joseph's School	

Hookbush Nursery supplied and delivered the plants to each school that ordered throughout the district. Schools and preschools earned a total of 69 native trees to plant at school or in the community.

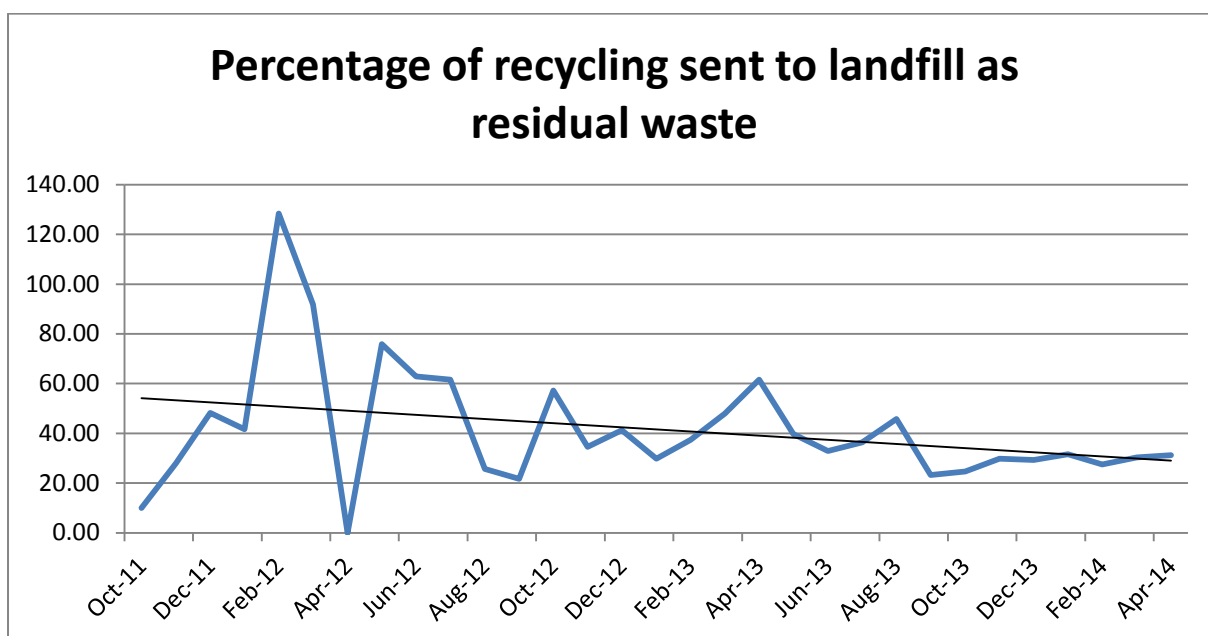
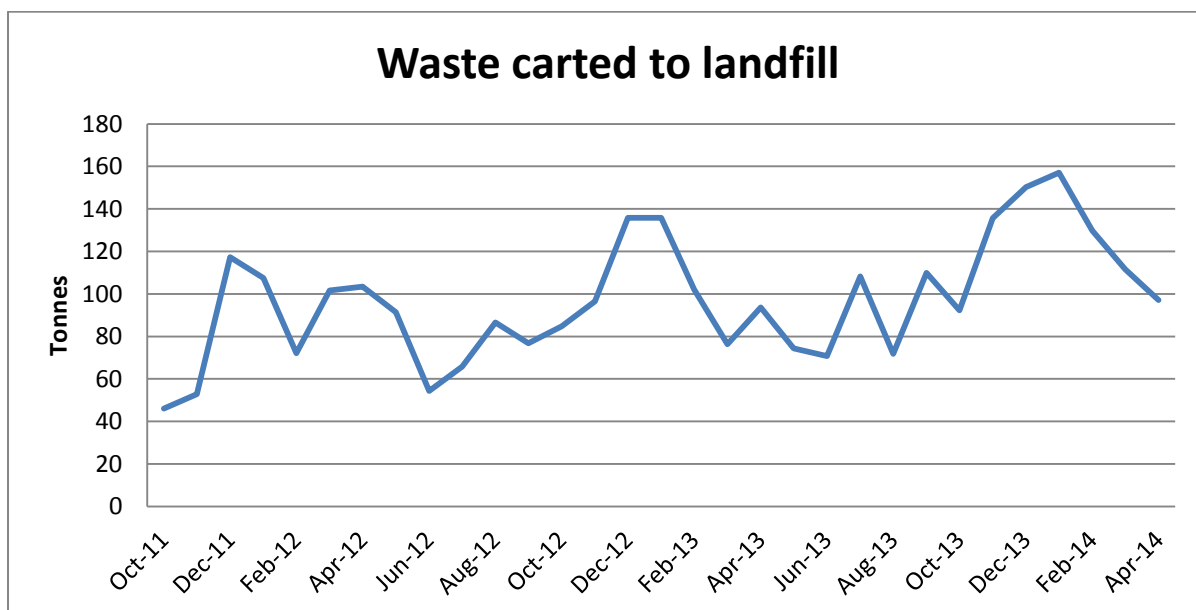
Based on Recycling data collected for the 2012 school year, Mackenzie schools have:

- Recycled 17.25 tonnes of paper and cardboard
That's approximately the same as 4 elephants!
- Saved 138 cubic metres of landfill space
That is equal to 4 shipping containers!
- Prevented 93.15 tonnes of carbon from being created in landfill
This is enough carbon dioxide to fill an estimated 9,315,000 party balloons!

Between 2010 and 2012, Mackenzie schools have earned 189 trees, saved 378 cubic metres of landfill space, and diverted over 47 tonnes of paper and cardboard from landfill. This has prevented over 255 tonnes of carbon dioxide from being produced. Mackenzie schools report their recycling diversion statistics throughout the school year and once this information is received, schools are able to order their trees the following January, which are delivered that August/September.

*EERST and all of the **Mackenzie schools** would like to say a massive thank you to the Mackenzie District Council for supporting the Paper4trees programme in Mackenzie. Your support has ensured the programme can continue to make an impact in Mackenzie*

schools. We look forward to another great year so we can continue to offer assistance to local schools to keep them recycling and minimising waste. For this, EERST and all of the Mackenzie schools are extremely grateful. Thank you for your support.



MACKENZIE DISTRICT COUNCIL

REPORT TO: **Assets and Services Committee**

SUBJECT: ALBURY DOMAIN RESERVE

MEETING DATE: 12 June 2014

REF: LAN 10/1

FROM: Garth Nixon Community Facilities Manager

PURPOSE OF REPORT:

To approve on going use of the reserve for plantation purposes by Albury School Board.

STAFF RECOMMENDATIONS:

1. That the report be received.
2. That Council approve of the ongoing use of the Albury domain land by the Albury School Board for forestry
3. That a lease be established with the Albury School Board for the forestry and that a lease be established for the balance of the land

GARTH NIXON
COMMUNITY FACILITIES MANAGER

ATTACHMENTS:

Aerial photo showing location of reserve

BACKGROUND:

The Albury School Board has recently harvested the plantation on the Albury Domain and are requesting permission to replant and manage the next cycle of trees on this block for the benefit of the Albury School.

The previous arrangement was with the Albury Domain board which is now defunct and the land is managed by Council as reserve.

The remaining land (3.4 hectares) is managed by Dean Watson based on a historical lease. The area contains the Albury Rugby ground and is used annually for the primary schools cross country.

The forested area is approximately 1.2 hectares and is made up of three reserves.

Reserves 4812, 4663, 5196

POLICY STATUS:

SIGNIFICANCE OF DECISION:

ISSUES & OPTIONS:

Options for the future could include.

1. Retaining the current arrangement whereby the Albury School Board manages the area as a forest.
2. Council rehabilitate the area and grass and incorporate into a grazing lease.
3. Council manage the area as plantation

CONSIDERATIONS:

Legal

For protection of the school the area should ideally be formally leased but not for more than 35 years

Financial

Council currently has very little input into the area and allocates funds to mow the Queen Street frontage and fund for spraying gorse and broom as required

Other

The Albury school Board has previously managed the plantation undertaking required maintenance, spraying and benefiting from the harvest of the trees.

ASSESSMENT OF OPTIONS:

Option 1 – Allow the School board to replant and maintain the areas and see some benefit in the long term. If the school was to close then the land would revert back to council along with the trees so there is limited risk other than the cost of eventual harvest.

Option 2 - At this stage re-establishing the area for grazing would be a significant cost for very little benefit to Council

Option 3 - Based on the size of 1.2 Hectares the plantation would be an uneconomic prospect from a Council forestry perspective.

CONCLUSION:

Council should approve the replanting of the area by the Albury School Board and establish a lease for not more than 35 years with school for the protection of their investment. Council should also re-establish the lease for the remainder of the area.

