



Ashburton District Council

AGENDA

A **MEETING** of the **OPERATIONS COMMITTEE**
will be held as follows:

Date: Thursday 11 March 2010

Time: **2.30 pm** (please note later start time)

Venue: Council Chamber
5 Baring Square West
Ashburton

B LESTER
Chief Executive

MEMBERS:

Cr B A Tasker (Chairman)
Cr K W P Lowe
Cr N A Brown
Cr I J Burgess
Cr J A Everest
Cr K L Holmes
Cr L J Leadley
Cr P W Reveley
Mayor M B O'Malley (ex officio)

AGENDA

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5 March 2010

5. ACTIVITY REPORTS

5.1 GENERAL

5.1.1 Financial Reports

Financial reports for the period 1 July 2009 to 31 January 2010, are attached to this report.
Pages 25-37

5.1.2 Ashburton Business Estate

- **Earthworks**
Earthworks are essentially complete. Bunds 3 to 5 are complete and bunds 1 and 2 are near completion. Some minor 'tie-in' work to the existing roads is required.
- **Wastewater**
The wastewater pipelines are progressing to programme.
- **Gravel crushing**
The gravel crusher has returned to the site and will recommence gravel crushing.
- **Footpaths**
No further work has been carried out in the reporting period. Footpaths in the bunded area are 90% complete.
- **Water supply**
Construction of the water main in Road 2 is complete as is one side of Road 3. Work is progressing well on Road 1.
- **Stormwater**
Work is progressing ahead of programme including the installation of road sumps.
- **Landscaping**
Landscaping has commenced and is progressing well.
- **Road construction**
Work on the Northpark Road interface with Road 1 has commenced.
- **Issues**
There have been no significant issues identified.
- **Programme**
Anticipated completion is 9 July 2010. Some Stage 2 work may be completed after this completion date. Our primary focus is on completing Stage 1 work to facilitate the issue of titles as soon as possible.
- **Rail relocation**
A project has commenced to accurately determine rail relocation costs.
- **Stage 2 cost estimate**
A cost for approved Stage 2 work has been provided by the contractor and is summarised below:
 - The work includes roading, stormwater, wastewater, kerb and channel and footpaths.

- Stage 1 contract rates have been used to develop this costing.
- Telecom and power are yet to be priced but are estimated below.
- Stage 2 total estimate:
 - o (HEB) roading stormwater, wastewater, kerb and channel and footpaths \$577,327
 - o Telecom \$80,000 (includes \$52,800 contract with Chorus). This contract has been approved
 - o estimated power supply cost of \$148,000

Total estimated cost for Stage 2 - \$805,000

Stage 2 work has been approved.

- **Subdivision of Lot 24**

Design fees and construction cost preliminary estimates have been prepared and are as follows:

Professional fees	56,000
Construction costs	<u>201,500</u>
	\$257,500
Contingency	38,625
Chorus costs	<u>18,000</u>
Total	\$314,125

- **Financial summary**

As at January 2010

- accepted tender \$5,826,020 (includes \$1,000,000 contingency)
- value of work to date \$1,289,093
- approved variations \$ 7,437
- stage 2 costs (variation) \$ 805,000 (this work has been approved)
- subdivision of Lot 24 \$ 314,125
- forecast final construction cost \$5,952,582 (assumes contingency funding is used)

Forecast additional funding

required to date based on
additional work scope \$ 126,562

The above work has been approved.

5.1.3 Second bridge across the Ashburton River

Consultation with potentially affected parties prior to sites being made public has commenced. The Committee will be updated at an overview level at the Committee meeting (note the sites will be “in-committee” until this initial consultation is complete, which at this stage is programmed for Friday 12 March).

5.1.4 Waste management plan for solid and hazardous waste

Work on reviewing the waste management plan for solid and hazardous waste is well advanced.

A draft document has been received and is currently being reviewed by staff. This document will be forwarded to Council for approval prior to undertaking a special consultative process.

5.1.5 Staff appointments

Mrs Cheryl Coombs has commenced work as the Solid Waste Manager.

As a consequence of Mr Robertson's retirement, applications have been called for the position of Roading & Street Services Manager. Interviews were carried out in the week commencing Monday 1 March.

5.1.6 Service delivery procurement review

A project brief for the service delivery procurement review has been prepared and a proposal received and accepted. Work has commenced.

5.1.7 Tsunami warning

This was the subject of a memo to Councillors. We are not aware of any issues arising from this event.

5.2 ROADING

5.2.1 State Highway Work 2009/10

Work on state highway sections is being carried out as follows:

- SH 1 Rakaia: Contract to rehabilitate part of SH 1 (Bridge St), and to reconstruct the first block of Elizabeth Ave west of SH 1 for ADC. The contract has been awarded. Work is due to commence in March 2010. The stormwater pipe across SH1 at the Mobil garage, which is undersized and prone to flooding, is to be upgraded.
- SH 1 at Tinwald: Rehabilitation of 660 m of SH 1, Carters Tce to Manchester St. The tender has been awarded and work is to commence in March/April.
- Upgrade of the threshold treatment on SH 1 south of Tinwald.
- Improved road marking on the south approach to Methven on SH 77 and a flush median to better control traffic and to assist with traffic calming. The flush median will stretch from the south threshold to South Belt. Plans have been forwarded to the Methven Community Board on this proposed work.

5.2.2 NZ Transport Agency Subsidy Approvals

NZTA has approved the subsidy on the following projects, as contained in the ADC budget for 2009/10.

- | | |
|--|----------|
| • Activity management plans – study | \$20,000 |
| • Asset deterioration modelling – study | \$36,000 |
| • Transportation asset valuation – study | \$45,000 |

- Ashburton 2nd bridge prelim design study – study \$55,100

An application for subsidy on our remaining two projects contained in the ADC budget has been lodged with the NZTA. These works are:

- Bremners Rd widening stage 3 \$100,000
- Replace bridge 65, Lower Beach Rd (Deals Drain) \$83,200

5.2.3 Crash Reports

A record of other crashes that have occurred in Ashburton district on state highways and local roads since last report is appended. **Page 38**

5.2.4 General Maintenance

General maintenance work continues as required through the contract. There have been no issues of any significance over the last six weeks. Road maintenance repairs required for roads due to be sealed have now been completed and work is being carried out on pavement repairs on the roads that will be overlaid under the area wide rehabilitation contract.

Recent dry conditions have led to an increase in grading frequencies arising from unsealed roads unravelling due to lack of moisture in the base course. These extra grades have been completed by the contractor.

A schedule of roads for maintenance metalling is being finalised with the contractor and copies of this schedule will be forwarded to Councillors once complete. This work is normally carried out during winter months and will start mid April if weather conditions allow and continue through to September.

Letters advising residents where trees shading roads during winter months will need attention are being prepared and will be issued on a road-by-road basis over the next few weeks. This is a large job and it is important to manage the issue of these letters so feedback from property owners can be sorted out as they arise.

5.2.5 Area Wide Pavement Treatment

A tender is being finalised now to be called next week to complete rural sealed road overlay in this financial year on sections of Longbeach Rd and Arundel Rakaia Gorge Rd by 30 June 2010, and work on Christies Rd, Tramway Rd and Ashburton Staveley Rd - plus the balance of Arundel Rakaia Gorge Rd to be completed January 2011. This will commit the budget provisions for this work in the 2010/11 financial year and this funding has been approved in the 2009/19 LTCCP. NZTA subsidy for this work has also been approved in the NLTP. The Committee is requested to recommend to Council that committing this work for 2010/2011 is approved.

RECOMMENDATION TO COUNCIL

1. That Council approves the budget for the subsidised roading account for pavement rehabilitation in 2010/2011; and
2. That approval to commit this work in the 2009/10 financial year be approved.”

5.2.6 Major Drainage Control

• Contract C566 – Roadside Drainage Improvements, 2009/10

Recent very dry weather has delayed the final completion of this contract, which is the location of soak holes. We normally inspect the sections on which swales have been built following a rain event to locate the best location for the soak holes. This will be done when conditions allow this inspection to proceed.

Design work for kerb and channel replacement is underway and will be carried out in conjunction with the new kerb and channel work planned for Methven, Rakaia and Hinds. The sites where kerb and channel replacement is to be done this year are:

- Orr St – both sides 145 m west of Bridge St
- Smitheram St - SE side, Harrison St to Elizabeth St
- Burnett St – NE side, Grigg St to Winter St

Tenders for the work will be sought later in March.

5.2.7 Reseals of District Roads

Contract C565 – Reseals and Pre-seal Repairs, 2009/10: February was a good month for sealing, and the contractor achieved a lot of the planned work. The work is due for completion by 12 March, and the work is on schedule to achieve this.

The overall affect of fluctuating bitumen prices is expected to show a small increase in the contract value. This will be managed within existing budgets.

5.2.8 Bridges

A tender price to construct the Jacobs Stream bridge has been accepted, with the price just under the budget price. Work will commence on this shortly to construct the precast units and onsite work completed about end of April.

Work to replace the bridge 65 at Deals drain on Lower Beach Road will be carried out later this year when the subsidy on this sis approved. Design work is underway.

5.2.9 Street Cleaning

Routine cleaning is being carried out to programme. Since the last meeting there has been very little rain to cause any problems. Excess chip along the sides of roads, where chip has been built up from resealing work, is the responsibility of the sealing contractor to remove and instructions have been sent to him concerning these areas.

5.2.10 Traffic Services

Routine maintenance of road signs and traffic services continues as part of the road maintenance contract throughout the district. The road maintenance contractor has engaged a security firm to try to identify those persons responsible for sign vandalism. An arrangement will be set up to feed back information from this surveillance work to enable Council to prosecute the persons involved, and hopefully recover some of the costs involved. Total numbers of signs affected during January and February are:

	Oct	Nov/Dec	Jan/Feb	Total 5 mths	
• Replace broken signs		17	26	29	72
• Replace missing signs		8	29	31	68
• Replace or upgrade signs		8	8	11	27
• Replace marker posts		86	22	131	239
• Totals		119	85	202	406

These numbers are not extraordinary for the reporting period. The cost of the above schedule of sign work for January and February was \$26,530 and for five months is \$81,873.

Contract C556 – Maintenance of Road Markings 2009 – 2012. Re-marking of roads continues. A large proportion of the roading network has now been remarked, and the whole network will be completed before winter arrives.

A plan of the proposed changes to the priorities at the intersection of Smallbone Dr and Robinson St is attached. *Page 39*

There have been problems for some time now of vehicles on Robinson Street travelling south east not giving way to vehicles turning right from Smallbone Drive into Robinson Street, as required by existing signage. The layout proposes to put full controls on Smallbone Drive and create a right turn bay on Robinson Street into Smallbone Drive, plus other marking to make controls clearer to road users. As this involves a change to the regulatory controls at this intersection, it is proposed that the change be approved by the Operations Committee. This change will also improve safety when the Dobson Street section is constructed as there is expected to be an increase in traffic using Dobson Street with a reduced flow on Smallbone Drive.

RECOMMENDATION

“That the regulatory controls at the intersection of Smallbone Drive and Robinson Street be amended to place the “GIVE WAY” control on Smallbone Drive and to remove the “GIVE WAY” on Robinson Street north leg.”

5.2.11 Carriageway Lighting

Maintenance work continues on street lights, mainly replacing lamp outages, many of these being reported through the customer request management system.

We are investigating, on behalf of the Highway and Network Operations Group (state highways) the upgrading of street lights and poles on Alford Forest Drive. These lights are owned by NZTA, but we manage them on their behalf. Any reconstruction work and power undergrounding will be spread over two years, and costs met by the HNOG.

5.2.12 Minor Improvements

Progress on the projects included in the programme for 2009/10:

- Hinds Arundel Road/Trevors Road/Withells Road – Carew. Design is complete, however this project has had to be put on hold due to the developments occurring with the Mayfield Hinds Irrigation Company who are proposing to install three very large storage ponds on the south side of Withells Rd at this intersection near this intersection, and feed water to these ponds through a deviation of the irrigation race on the north east side of the intersection. This will require a very large pipe (2.5 m diameter) right through the middle of the intersection. Accordingly, we will delay all our proposed work at the intersection until the new pipe is installed. This is expected to be in about 12 month's time.
- Bremners Rd/Glassworks Rd intersection. Final designs are being prepared and this work will be carried out at the same time as the proposed widening and overlay of the top end of Bremners Rd (Glassworks Rd to Northpark Rd)
- Park Street / Kermode Street. Design is complete. Work will be tendered in a package with several other sites.

- Sealing of bridge approaches: A schedule of bridge approaches has been identified and a package of work will be tendered next year to improve the safety of a number of high country bridges. Sealing will also help to maintain the roads at these bridges in a better condition.
- Changes to the Minor Improvements work schedule. Attached is a revised schedule of minor improvements. This change has been required to take up the funding released from the Hinds Arundel Rd/Trevors Rd intersection not proceeding. There will be additional intersection sealing and bridge approaches carried out this year. *Pages 40-41*

5.2.13 Seal Widening

Application has been lodged with NZTA to approve the funding on Bremners Rd stage three widening and we expect this to be approved. Work on this section will be carried out in April/May this year.

5.2.14 New Roads

The Dobson Street construction project is out to tender and these close shortly. Work is expected to start late in March, and be completed by mid May.

5.2.15 New Kerb & Channel and Footpaths

Tenders are to be called shortly for this work.

5.2.16 Footpath Resurfacing 2009/10

This contract is well underway, with no issues arising. The extra Ashburton work has been approved to the contract.

5.2.17 Westpark Close Swale beautification

A design of the proposed swale planting and beautification has been sent to all residents of Westpark Close, and any responses requested back in the next two weeks. Following analysis of the submissions, the final planting and beautification work will be settled on and all residents advised. This work will be carried out in April.

Work to improve the guiding of vehicles into the twin access roads of this street has been completed, and this area will be planted out as a garden with low level plants.

5.2.18 Footpath Maintenance

Ongoing routine maintenance and cleaning of the urban footpaths continues. No major issues have been reported since the previous report.

Tree root removal and relaying of paving blocks on the north east side of the Tancred St/West St intersection is complete and work will commence shortly on the south west side of this corner. There are several other areas where pavers are being lifted by tree roots and some of these will be addressed this year as budget provision allows. This work will be continued into the new financial year and all problem sites will be cleaned up by the end of 2010/11.

5.2.19 Minor Township Maintenance Contracts

Normal operations continue on these contracts, with no issues arising.

5.2.20 Public Conveniences

There are no major issues arising, except for a spate of vandalism on some of our toilet blocks has continued over the last few months. While there has been no serious damage, this continuing vandalism is frustrating. It appears that no one is prepared to come forward with any information on these problems which could lead to prosecutions being brought. The Rakaia toilets are being monitored by a security camera to try to identify persons responsible for the damage.

5.3 WATER SUPPLIES

5.3.1 General

The schemes are operating satisfactorily.

5.3.2 AM-AJ10 Water Pipeline Renewal, Ashburton, Methven & Hakatere 2009/10

This contract covers the renewal of 1,725m of water mains and installation of 782m of new rider mains in Ashburton, Methven and Hakatere.

Work commenced in Aitken Street on 13 January. All work is now substantially complete. Work commenced in Suffolk Street on 19 February. The expected completion date for this section is 6 April.

The due date for contract completion is 4 June.

5.3.3 Water Restrictions

Current restrictions are satisfactory at present.

Scheme	Relative Movement & Dates of Restrictions			
Ashburton	■ L0	↑ L1 – 21/12/09		
Chertsey	■ L0	↑ L1 – 21/12/09		
Dromore	Permanent Hosing Ban			
Fairton	Permanent Hosing Ban			
Hakatere	■ L0	↑ L1 – 21/12/09		
Hinds	■ L0	↑ L1 – 21/12/09		
Lake Hood	■ L0	↑ L1 – 21/12/09		
Mayfield	■ L0	↑ L1 – 21/12/09		
Methven	■ L0	↑ L1 – 21/12/09		
Mvn Springfield	Permanent Hosing Ban			
Montalto	Permanent Hosing Ban			
Mt Somers	■ L0	↑ L1 – 21/12/09		
Rakaia	■ L0	↑ L1 – 21/12/09		
Winchmore	Permanent Hosing Ban			

Notes:- L0 = **Normal**, no restriction; L1 = **Alternate Days**; L2 = **Time Restricted** (alternate days); L3 = **Hand Held Hosing** (time restricted, alternate days); L4 = **Hosing Ban**; and L5 = **Water Conservation Notice**.

5.3.4 Installation of Sampling Facilities

These projects cover the construction of secure sampling taps within the reticulation of the following water supplies: Hinds, Chertsey, Methven Springfield, Montalto and Lake Hood.

This work has been negotiated with Council's maintenance contractor. All work was completed on 17 February.

5.3.5 Leak Detection Programme

Detection Services have been engaged to commence leak detection works on or about 25 January. The leak detection work will focus in the Allenton area of the Ashburton scheme, and on the Dromore and Hinds water supplies.

Work is progressing on the above areas. A report on the results of the detection work is expected at completion.

5.3.6 Ashburton

Ashburton upgrade - Tinwald Borefield

A site has been identified in the vicinity of the Tinwald Domain. Consultation / negotiations are underway to secure access to the site.

Ashburton upgrade – Ashburton Domain No:6

The well driller commenced drilling on 22 January. An aquifer was encountered at around 90 metres, and preliminary testing indicated potentially good yields. The decision was made to screen and develop the bore at this depth.

Development of the bore took place through the last week of February. During the developmental phase the maximum pump rate used to date is 40 litres / second. The recorded drawdown for this flow rate is 4.5 metres. This means that the likely operational yield will be in the order of 70-80 litres / second.

5.3.7 Chertsey

Water meter replacement

This project covers the replacement of the existing mechanical meter at the water treatment plant with a new magnetic meter (magflow). The magflow meter will provide more accurate flow measurement and will be configured to the telemetry system to give instantaneous flow data which is not currently available.

This work has been negotiated with Council's maintenance contractor. There have been minor delays associated with confirming pipe arrangement to facilitate the installation of the meter. This is now expected to be completed on or about 26 March.

Pressure pump

During routine maintenance it was discovered that one of the pressure pumps in the WTP was overheating. An inspection of the pump found an internal fan had been rubbing against the housing. The overheating has resulted in some damage to the motor windings and the repairs are likely to exceed the cost of a new pump. The cost of a new pump is expected to be around \$2,500 exclusive GST. This replacement will be shown in the cyclic renewal section of the financial report as an unbudgeted project.

5.3.8 Fairton

Water supply upgrade

The engineering plans for the upgrade are now complete with work on the specification still to be finalised. The maintenance contractor is aware of the scope of work and has been provided a copy of the drawings for pricing purposes. Subject to a satisfactory price being negotiated it is envisaged that the contract award will be the subject of a stand-alone report to the 8 April meeting of Council.

5.3.9 Mayfield

Private bore testing

The recently drilled private bore has been made available for further testing to confirm its suitability as a public water supply bore. The intention is to engage the services of the drilling contractor that drilled the bore rather than Council's preferred well driller. It is envisaged that required work can be completed by 10 March.

5.3.10 Methven

Water Supply upgrade investigations

Our engineering service provider has completed the investigations into the upgrading of the Methven water supply to meet the drinking water standards. The investigation consisted of two parts: the preparation of a Public Health Risk Management Plan (PHRMP); and an Issues and Options Report to identify the preferred upgrade path in order to address the risks identified in the PHRMP.

The results of the investigation are still being collated into the above documents and more information will be circulated as soon as it is available.

Methven Primary School - water meter renewal

A water meter servicing the Methven Primary School has been replaced after inadvertent damage by a third party. The replacement work followed recent publicity regarding high consumption through the same meter to the school. As part of the resolution to establish the location of the leakage at the school an additional meter has been installed on the pipework between the Primary School and the Methven Community Pool which is also supplied from the school's connection.

5.3.11 Montalto

Watermain renewals

As part of the 2009/10 annual plan programme, budget provision, in the amount of \$104,697 was made for renewal of watermains on the scheme. The sites were not identified at the time the annual plan was developed. This project was put forward at the request of the Montalto water supply committee to allow them the flexibility to self direct some minor renewal projects.

Contact has been made with the committee recently to confirm where these renewals are to take place. It is envisaged that the locations will be identified in the next few weeks and the required works can be negotiated and completed as variations to existing contracts.

5.3.12 Winchmore

Restricted supply conversion investigation

Consultation was undertaken with ratepayers on the Winchmore water supply regarding the possibility of converting the scheme to a restricted supply. The intention was that a restricted supply would "free up" water for reallocation to property owners who wanted it for other purposes ie stockwater, irrigation etc.

A letter outlining the proposal was sent out on 22 January to the 20 properties on the scheme. It included a short survey form requesting amongst other things whether they supported further investigation and if water was available would they be interested to accessing additional volumes. A total of 9 properties returned the survey form.

The results of the survey indicated general support to investigate the proposal further but only one property owner indicated firm interest in accessing additional water. This appears to mean there is no market for water to help fund the conversion. While the conversion could be justified from a water conservation point of view alone, levying the cost of conversions against the existing users may result in more users leaving the scheme. This could then affect the scheme's viability.

Note: As a side result of the consultation, two property owners have requested to leave the scheme and another owner of two properties is considering the option to withdraw.

5.4 WASTEWATER

5.4.1 General

The schemes are operating satisfactorily.

5.4.2 AM-AJ11 Sewer Pipeline Renewal, Ashburton & Methven 2009/10

This contract covers the renewal of 707m of sewer mains in Ashburton, and Methven.

Work commenced on the Grigg Street / Wills Street / Walker Street sections on 2 February. The forecast completion date for these sections is 26 March.

The due date for contract completion is 23 April.

5.4.3 Environmental Monitoring Software

On 3 February, key staff from the water, information and environmental services departments attended a presentation of a software package specialising in environmental monitoring. The software is called MonitorPro and is in simple terms a storage database for environmental monitoring data ie water, wastewater, soil, air etc.

Council does not currently have a similar system available and data from the department's wastewater monitoring is currently being stored in MS Excel spreadsheets.

With the ever increasing complexity and volume of monitoring data it is becoming critical that we can access the data quickly, process it, and report on it in a meaningful way.

The primary benefits derived from such a system is the data integrity that is imposed during the data entry process, time savings from ability to bulk load in laboratory reports, and the superior reporting capability which will aid consent compliance. A purchase proposal has been requested but not yet received.

5.4.4 Ashburton

Wilkins Road Septage Disposal

Key access to the Wilkins Road treatment facility has been provided to two local septage contractors. The facility has been used by the contractors on a few occasions since access was provided. One of the contractors has reported a fault with the screen control which is being attended to.

WasteTRACK

WasteTRACK is an internet based database which consolidates manifest, facility and carrier data to track liquid and hazardous wastes from generation, through transport to treatment or disposal. WasteTRACK is administered under contract to the Ministry for the Environment and is available to those businesses that are operating in accordance with the Liquid and Hazardous Waste Code of Practice or are required to use it to meet council requirements.

By virtue of Council requiring users to be code compliant, it is necessary for Council to use the WasteTRACK system. The Wilkins Road treatment facility has been entered into the system and is now available (through the WasteTRACK website) as a disposal location for domestic septage and portaloos wastes from carriers.

Wetland Replanting

The wetland has established well. The wetland water level has been raised temporarily to assist in plant survival. This has no significant operational impact on the performance of the wetland. A total of 42,000 plants were involved in the replanting contract, and only a few plants have not survived at this point.

Ocean Farm Irrigation System Review

During the week 2 – 5 February, key service provider staff undertook a review of the irrigation and control systems. A number of changes were made to the configuration of the control systems and key operational set points. The changes made to the system have provided immediate improvements to the performance of the sprinklers. Further improvements are possible as the maintenance contractor and others work systematically through each zone checking the pressures, sprinkler performance and optimising flow rates. Once this phase of the work is complete then the irrigation control software will be reprogrammed in order to improve reporting. The optimising of flow rates will also allow for setting of automatic system performance warning alarms to identify zones that have high or low flows when compared against the actual system flow rate.

Ocean Farm - Standing Grass Contract (WW-AG11)

This contract covers the removal (sale) of grass at Ocean Farm. The harvest of grass at Ocean Farm commenced 24 October. All blocks have received the second cut of harvest.

5.4.5 Rakaia

Standing Grass Contract (WW-AG12)

This contract covers the removal (sale) of grass at the Rakaia Wastewater Treatment Plant (WWTP). The harvest of grass at the Rakaia WWTP commenced early January. Both blocks have received a first cut of harvest.

5.5 STORMWATER

5.5.1 General

The schemes are operating satisfactorily.

5.5.2 Mill Creek

Maintenance

A section of the Mill Creek from just above Pages Road to the detention basin weir is in the process of being cleaned. The cleaning is intended to remove silt deposits and vegetation that has encroached into the waterway. The work is expected to address concerns from nearby residents regarding the impact of the reduced waterway may have on storm flow capacity.

Maintenance Monitoring

Following concerns expressed at a recent budget workshop, it is intended to undertake regular inspection of the creek margins to address minor maintenance issues as they appear. Water Services field staff will be responsible for carrying out a periodic inspection of the waterway (where readily accessible) and any maintenance (cleaning) work will be programmed as budgets permit.

Bank Stabilisation

The programme of work has been finalised and includes the section of the creek between Bridge Street and the flood control weir and the section between Brucefield Avenue and Davis Crescent. Both sections are driven by protection of significant structures ie dwellings and buildings and are therefore the highest priority sections for bank stabilisation works. The opportunity to access the Mill Creek near Belt Road has not been lost but is now less urgent due to a change in timing of the private works being done by the property owner. Work at this site can now be programmed for early in the 2010/11 financial year.

5.6 STOCKWATER

5.6.1 Network

The stockwater network is operating satisfactorily at present.

5.6.2 Flume Failure – Winchmore Main

On Wednesday 10 February, a flume that conveys water in the Winchmore stockwater main across a drain near the Methven Highway at Shearers Road failed. The failure resulted in a loss of supply in the network serviced by the main and affected around 60 properties. On Thursday morning, property owners were contacted by telephone and advised of the situation and a temporary supply of around 20% of normal flows was in place around midday that day. Permanent repairs were completed and commissioned by lunchtime Saturday 13 February.

The cause of the failure has been attributed to the rotting out of a key support beam. The replacement supporting structure has been fabricated using steel beams and bracing elements. A section of pipe has been used to replace the flume itself which was not suitable for reuse.

5.6.3 Race applications / closures

Since 1 July 2009, a total of 45 applications have been received. Six applications are awaiting further information and the remaining applications have been approved.

Race closure measurements have been undertaken using measurements derived from the Council's GIS and indicates completed closures at around 106,826 metres.

5.7 SOLID WASTE

5.7.1 Residual waste management at the Ashburton resource recovery park

Tonnes of materials recovered from the residual waste disposal area in 2009/2010			
	2009		2010
January	2.76	January	7.74
February	3.66	February	
March	3.80	March	

April	0.68	April
May	5.12	May
June	4.02	June
July	3.0	July
August	4.78	August
September	3.82	September
October	3.01	October
November	5.88	November
December	6.76	December

There is a steady level of recovery of recyclable and reusable material from the residual waste disposal area.

The operation of the residual waste management contract at the Ashburton RRP is proceeding satisfactorily.

5.7.2 Green waste, construction & demolition waste management at the Ashburton resource recovery park 2009/2010

Month	Vehicles with Green waste		Vehicles with Demolition Materials		Total Vehicles		Green waste shredded m ³	
	2009	2010	2009	2010	2009	2010	2009	2010
January	1626	1522	93	52	1719	1574	549.00	54
February	1223		68		1291		387.00	
March	1657		27		1680		268.50	
April	1328		23		1351		410.50	
May	965		25		990		510.00	
June	958		12		970		430.00	
July	933		24		957		403.00	
August	1233		33		1266		195.00	
September	992		20		1012		117.00	
October	1177		34		1211		144.00	
November	1391		59		1450		158.00	
December	1732		60		1792		309.00	

40m³ of wood waste being shredded in January 2010.

Ongoing improvements throughout the whole site are progressing.

The green waste and demolition waste contract is operating satisfactorily.

5.7.3 Refuse and recycling collection

Quantities of residual waste and recycling materials collected from kerbside are indicated in the table below:

All Areas in 2009	Kerbside - tonnes		Litter Bins - tonnes		Total Residual Waste- tonnes		Recycling - tonnes	
	2009	2010	2009	2010	2009	2010	2009	2010
January	197.47	155.74	11.18	9.64	208.65	165.38	113.44	114.82
February	154.1		7.72		164.02		106.32	

March	173.62	5.16	180.3	107.72
April	161.42	6.82	170.12	110.16
May	144.78	5.96	150.74	92.77
June	151.40	5.46	156.86	97.64
July	153.72	8.36	162.08	103.3
August	147.82	6.70	154.52	107.30
September	150.10	7.04	157.14	108.40
October	147.37	6.46	153.83	118.89
November	154.36	4.66	159.02	123.02
December	172.34	8.56	180.90	156.60

This contract is operating satisfactorily.

5.7.4 Waste minimisation

Tonnes of Recyclable Materials Processed	2008/09- tonnes	2009/10- tonnes
July	298.4	381.3
August	303.7	355.8
September	409.6	352.3
October	351.5	390.6
November	365.9	410.8
December	340.8	428.9
January	420.2	426.7
February	376.4	
March	417.3	
April	315.2	
May	295.1	
June	360.1	

The quantity of recyclables processed remains consistent.

Recycling materials transported off site are shown on the attachment.

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5.7.5 Domestic hazardous waste drop off at Ashburton Resource Recovery Park

Domestic hazardous wastes continue to be dropped off.

The service is operating well.

5.7.6 General recycling management update

- 153 tonnes of product was baled in January - this amount includes paper and cardboard.
- In January three shipping containers of glass were sent to O-I New Zealand in Auckland for onshore recycling.
- The volume of recycled products increased by 2.15% from January 2009.

5.7.7 Transport of waste to Kate Valley

There was a marked decrease in the quantity of refuse transported to Kate Valley in January.

The volume of waste transported to Kate Valley for disposal is shown on the attachment.

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5.7.8 Management of waste processing sites

- **Ashburton resource recovery park**

The contract for the Ashburton resource recovery park operation is operating satisfactorily.

- **Methven Green waste site and drop-off centre and collection**

Tonnes of residual waste transported to Kate Valley from Methven	2008/09- tonnes	2009/10
July	12.37	13.22
August	12.41	15.54
September	15.11	12.20
October	12.69	12.40
November	11.78	13.30
December	15.51	12.52
January	12.56	12.96
February	13.14	
March	13.39	
April	11.27	
May	11.65	
June	15.54	

Quantities of refuse continue to remain relatively level and stable.

5.7.9 Methven recycling drop off

Issues and options for the provision of plastics recycling at the Methven recycling drop off area on Line Road are currently being investigated.

Figures relating to use of the clean fill and green waste disposal site at Vaughan's Road are shown in this table:

Vehicle numbers at Vaughan's Rd green waste drop off	2008/09	2009/10
July	12	5
August	8	26
September	13	17
October	36	17
November	34	31
December	29	25
January	56	37
February	19	
March	26	
April	24	
May	13	
June	8	

The use of this site remains steady.

5.7.10 Rakaia resource recovery park

This contract is operating satisfactorily.

Tonnes of residual waste transported to Kate Valley from Rakaia	2008/09 - tonnes	2009/10 tonnes
July	13.12	11.18
August	26.80	21.32
September	13.58	14.86
October	25.68	11.86
November	23.59	21.82
December	26.03	13.04
January	22.60	21.02
February	23.00	
March	11.07	
April	22.56	
May	10.53	
June	21.97	

5.8 EMERGENCY MANAGEMENT

5.8.1 Fire Season Status

Fire restrictions on the plains were lifted on 25 January, as the fire risk had reduced significantly below trigger levels. These restrictions were reapplied on 26 February, following a period of hot dry weather. Currently there are restrictions across the plains and a prohibition in place in the high country.

5.8.2 Fire Incidents

Twenty four incidents have been attended by rural fire parties from the time of the last Committee meeting and up to 2 March 2010, with a breakdown as follows:

Vegetation	14	Vehicle fire	2
Structure	1	False alarm	3
Arson	1	MVA	3

5.8.3 Rural Structures Register

The Emergency Management Officer and the NZFS Fire Safety Officer are continuing with visits throughout the rural areas of the district with a view to identifying and classifying all structures which fall into the fire risk categories as explained in a previous activity report.

5.8.4 NRFA Standards Audit

The NRFA has conducted a further standards compliance audit on Ashburton District Council Rural Fire Authority on 1-2 March 2010. This audit covered personal protective equipment, pumps, hose and other waterway equipment and weather station observations and involved inspection of ADC files and records, and inspection of records and equipment at a selection of the RFA fire stations and the Hakatere weather station. A report on the audit will be produced in due course.

5.8.5 Hakatere Hut Holders Hazards and Warning Systems Meeting

The EMO, NZFS Fire Safety Officer and Senior Sergeant Vicky Walker from NZ Police called a meeting of the Hakatere hut holders and other local residents on Thursday 18 February, to discuss with them issues relating to fire safety, community security and local hazard awareness and preparedness. This meeting was very well attended by approximately 50 people.

5.8.6 CDEM Presentations

The EMO addressed approximately 20 members of the Diabetes Society on 25 February on the 'Get Ready Get Thru' message.

5.8.7 CD Get Ready Get Through Booklet

The booklet distributed to most of the districts residents early last year has been revised and reprinted and copies will be delivered to all residential properties in the district again within the next two weeks.

The booklet follows the CDEM 'Get Ready Get Thru' message covering all aspects of personal and community emergency preparedness, including a household emergency plan template, recommendations for what to have in survival and getaway kits, special information for the sick and vulnerable, and what to do in specific emergencies such as earthquakes, floods, pandemics and storms, and also tips on fire safety.

5.9 ASHBURTON DISTRICT ROAD SAFETY

5.9.1 Summer Road Safety Competition

The Road Safety Summer Campaign that has been running since December closed on 28 February 2010. The received entries will be sent to the judges for judging within the week and the winners will be notified on 15 March.

5.9.2 Intersection Campaign

The launch of the new intersection campaign for the Ashburton District is on 8 March and will be held at the Ashburton Library. All local media have been invited to the launch and a morning tea will be provided. The campaign is called "Respect Intersections" and is based on the word "intersection" and how many people choose to define it. An advertising feature, editorials, media releases and radio advertising will be used to promote the campaign. A "Respect Intersections" word find competition will run in the Courier Newspaper with a first prize of \$50 New World grocery voucher.

Pens and fridge magnets will be distributed by the Road Safety Coordinator and discussions with the Police have begun for an intersection enforcement campaign. Bookmarks have been sent out to almost every school in the district and the billboards will be displayed on the two sites available; Oak Grove and Elizabeth Street intersections and East Street heading north.

5.9.3 Stopping Distance Demonstration

A stopping distance demonstration and a mock crash were held on 11 February. This is part of the "Drive to the Conditions" funding from ACC. The event took place on Havelock Street. The Fire Brigade, the St John Ambulance and the local Youth Education Officers from the New Zealand Police attended the event. Rick Gould from Gould's Vehicle Transport kindly donated a vehicle to act as the "crashed" car. He is also delivered and picked up the vehicle for no fee.

The victims of the "crashed car" were three Year 13 college students. They did an exceptional job and were very professional about the event. Port FM was there and did several live crossovers and the local newspapers were present.

Allenton Meat Centre very kindly donated 100 sausages for a sausage sizzle to fundraise for St Joseph's School. The sausage sizzle will be run by the Home and School Committee. Local media were used to advertise the event but there was a lack of support from the community with only a few people and the St Joseph's school pupils present at the event.

5.9.4 Bike Wise Mayoral Challenge

Around 100 people took part in the Mayoral Challenge on 2 March 2010. Instead of the traditional Sunday morning Mayoral Challenge, the event took place after work with registrations beginning at 5.15 pm. Council staff volunteers provided participants with a free BBQ tea and a number of spot prizes were awarded, including two brand new bikes.

5.9.5 Modified Car

A meeting was held between the Christchurch Police and Road Safety Coordinators from the Selwyn, Christchurch, Canterbury and Ashburton Districts regarding the "modified car" and its usefulness. Staffing and resources seem to be the main issue. The Group will reconvene later in March for an update.

5.9.6 Miscellaneous

The first Ashburton District Road Safety Coordinating Committee Meeting for 2010 was held on 9 February. The Road Safety Action Plan meeting has been set for 23 March. During the reporting period the Road Safety Coordinator has attended training for the upgrade to Microsoft Office 2007, and has met with ACADS regarding the CAAP (Community Alcohol Action Programme).

5.9.7 2020 Safer Journeys New Zealand's Road Safety Strategy 2010-2020

On 3 March 2010, the Ministry of Transport released the Road Safety Strategy for New Zealand for 2010-2020.

The purpose of the strategy is to guide improvements in road safety over the 2010-2020 period. The first actions will start from 2010 and will focus on introducing a package of initiatives that will have the greatest impact on the road crash problem. This package will address four areas of high concern: increasing the safety of our younger drivers, reducing alcohol/drug impaired driving, safer roads and roadsides and increasing the safety of motorcycling. It will also focus on the new medium area of concern - high risk drivers – through the young drivers and alcohol/drug impaired drivers.

Young Drivers

ACTION	WORK REQUIRED TO MAKE CHANGE	FIRST STEPS
Raise the driving age to 16	Change to the Land Transport Act 1998	Package of measures for Cabinet approval in March
Make the restricted licence test more difficult to encourage 120 hours of supervised driving	Changes to the criteria for the drivers licence test	Package of measures for Cabinet approval in March
Introduce a zero drink-drive limit for drivers under 20	Change to the Land Transport Act 1998	Package of measures for Cabinet approval in April
Raise public awareness of young driver crash risk	Requires a change of focus to education campaigns	The NZTA, Police and ACC to begin planning an education campaign over the next three months

Improve Road Safety education available to young people and increase access to it	Requires programme of education delivered through schools	The NZTA, Police, ACC, Ministry of Transport and the Ministry of Education to plan how this will be carried out over the next twelve months
Investigate vehicle power restrictions for young drivers	Research to be reported to the Minister of Transport, with recommendations for future direction	The Ministry of Transport to look at other jurisdiction and its applicability to New Zealand conditions

Alcohol/Drug Impaired Driving

Address repeat offenders and high level offending through: <ul style="list-style-type: none"> • Compulsory alcohol interlocks • A zero drink-drive limit for offenders 	Introducing interlocks requires changes to the Land Transport Act 1998, as well as a process for procuring, implementing and maintaining devices	Both actions to be included in a package of measures for Cabinet approval in April
Either, lower the drink-drive limit to BAC 0.05 and introduce infringement penalties for offences between 0.05 and 0.08 Or Establish the level of risk posed by drivers with a BAC between 0.05 – 0.08.	Lowering BAC would require changes to the Land Transport Act 1998 and to the Land Transport Offences and Penalties Regulations. Establishing crashes that are caused by drivers with a BAC between 0.05 – 0.08 would require changes to the system that analyses crash data.	Both actions to be included in package of measures to Cabinet in April.
Review the traffic offences and penalties for causing death and serious injury.	Research to be reported to the Minister of Transport, with recommendations for future direction.	The Ministry of Transport and Ministry of Justice to look at offences in and penalties in comparison to criminal offences.

Safer Roads and Roadsides

Develop a classification system for the roading network	Report on hierarchy of New Zealand's roads by safety.	The Ministry of Transport and the NZTA have begun work on this project.
Focus safety improvements on high risk rural roads and high risk intersections.	The NZTA and local government to identify roads and intersections that require improvement and ensure road safety efforts are focussed in these areas.	The NZTA and local government to identify intersections and treatments they require.
Change the give way rules for turning traffic.	Requires changes to the Road User Rule and Offences and Penalties Regulations as well as an education campaign to make drivers aware of the change.	Package of measures to Cabinet later this year.

Increasing the Safety of Motorcycling

Improve motorcycle rider training and licensing. Licensing mopeds.	Licensing changes requires changes to Land Transport Act 1998 and Driver Licensing Rule.	Package of measures to Cabinet later this year
Introduce a power- to-weight restriction for novice riders.	Requires change to the Driver Licensing Rule as well as major IT system changes.	Package of measures to Cabinet later this year

Further information on the 2020 Road Safety Strategy is available from the Ministry of Transport website or by contacting the Road Safety Coordinator

5.10 CONTRACTS AWARDED

No contracts have been awarded in the reporting period.

5.11 CUSTOMER SERVICE REQUEST REPORTS

CRM reports for the year to date and the reporting period are attached.

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5.12 METHVEN COMMUNITY BOARD

The Methven Community Board met on 1 March, and two matters were referred to the Operations Committee:

Methven Community Pool

RECOMMENDATION TO OPERATIONS COMMITTEE

“That Methven Community Board offers its assistance to the Methven Pool Committee by requesting a report from Council on pool sealing options with a view to having the pool open next season.”

Lowe/Wilson

Carried

Water Meters

RECOMMENDATION TO OPERATIONS COMMITTEE

“That Council carries out a cost benefit analysis of water meter installation and maintenance costs to compare long term savings the community would make from building new infrastructure.”

Lowe/Gilpin

Carried

R ROUSE
Operations Manager

RECYCLING MATERIALS TRANSPORTED OFF-SITE TO THE MONTH OF JANUARY 2010 INCLUDING TOTALS

Month	Cardbd (tonne)	Paper (t)	Metal cans (t)	Alum cans (t)	Batt. (t)	Recycl metals (t)	Plastic Film (t)	PET plastics (t)	HDPE plastic (t)	Glass (t)	Re-usables (t)	Waste oil (litres)	Totals including oil
Tot 02/3	616.50	500.90	44.38	9.821	2.99	4.992		39.178	22.208	302.38	66.53	7,420	
Tot 03/ 4	743.74	624.67	48.42	12.63	1.745	19.129		39.293	28.485	416.80	174.74		
Tot 04/05	395.459	601.708	65.478	10.939	1.819	96.993		9.716	29.381	475.46	181.906	3,600	
Tot 05/06	544.614	848.9	77.248	13.011	7.28	28.253	45.033	49.81	33.641	490.32	482.369	6,691	
Tot 06/07	627.067	885.153	53.043	11.598	10.56	80.162	64.991	43.287	51.788	648.65	679.59	8160	3,163.2
Tot 07/08	680.43	988.92	63.44	11.60	10.00	179.30	270.30	18.60	8.95	817.06	923.10	7,700	3,979.4
Tot 08/09	718.76	1016.4	58.60	12.24	8.97	216.34	309.10	0	0	967.86	941.32	8,100	4,257.5
Totals from July 2009													
July 2009	95.38	82.08	7.821	1.205	1.28	23.74	6.104	0	0	77.63	86.084	2,000	383.32
August 2009	64.06	70.48	2.49	0.87	0	11.26	42.71	0	0	91.62	72.30	0	355.79
September 2009	80.96	79.80	4.58	1.34	.920	95.33	0	0	6.144	87.64	81.45	2,000	352.37
October 2009	76.84	86.82	2.8	.610	0	14.10	0	5.16	0	115.10	89.53	0	390.96
November 2009	86.06	76.38	2.7	1.135	1.0	6.460	7.503	20.880	26.573	91.420	90.691	0	410.80
December 2009	103.26	103.68	4.689	.600	1.340	23.276	0	0	0	102.72	89.341	1800	435.70
January 2010	82.58	50.88	4.74	1.8	0	24.86	0	0	0	158.46	103.38	0	426.68

Note: Products are only weighed when transported off-site.

Residual Waste Volumes – Kate Valley

Month	Transported 09/10	Transported 08/09	Transported 07/08	Transported 06/07	Transported 05/06	Transported 04/05	Transported 03/04	Transported 02/03	Transported 01/02
July	663	708	627	611	616	528	532	502	507
August	645	752	682	680	665	538	536	434	541
September	690	815	605	605	581	615	600	499	480
October	718	759	691	652	586	618	637	522	568
November	630	774	693	696	649	701	606	529	678
December	775	876	626	696	716	722	693	628	656
January	706	733	746	713	619	670	621	554	781
February		685	695	610	627	602	640	558	589
March		781	667	718	668	670	675	554	573
April		662	684	618	562	668	595	579	566
May		624	691	721	690	677	582	565	567
June		669	648	576	558	600	525	499	486
Annual Total	4,827	8,837	8,056	7,895	7,537	7,609	7,242	6,423	6,992

Budget for contracts 2009/10	\$1,222,935	9,137 tonnes
Contract to December 2009 (transport and disposal)	\$ 712,412	4,827 tonnes
Projected expenditure and tonnages 30 June 2010	\$1,045,824	8,446 tonnes