



Ashburton District Council

AGENDA

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

Date: Thursday 2 December 2010

Time: 1.30 pm

Venue: Council Chamber
5 Baring Square West
Ashburton

B LESTER
Chief Executive

MEMBERS:

Cr L J Leadley (Chair)
Cr P W Reveley (Deputy Chair)
Cr N A Brown
Cr D M Favel
Cr D N Nelson
Cr M J Nordqvist
Cr A B Totty
Cr R S Wilson
Mayor A R McKay (ex officio)

AGENDA

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26 November 2010

ASHBURTON DISTRICT COUNCIL REPORT

FILE NO: DW-AW01
DATE: 2 December 2010
REPORT TO: Operations Committee
FROM: Water Services Manager
SUBJECT: Methven Water Supply Upgrade – Request to Extend Filtration Pilot Trial

5. METHVEN WATER SUPPLY UPGRADE – REQUEST TO EXTEND FILTRATION PILOT TRIAL

5.1 SUMMARY

The filtration equipment pilot trial is coming to the end of the intended three month operational period. There has not been a turbidity event on the water supply during that time, to challenge the filters and make an informed evaluation of the systems.

The purpose of this report is to seek Committee approval to extend the pilot trial for up to three months.

5.2 RECOMMENDATION

- “1. That the Methven water supply filtration equipment pilot trial be extended by up to three months; and
2. That the project completion date be extended to 16 December 2011.”

5.3 BACKGROUND

The Methven water supply upgrade has been budgeted for the 2010/11 year. The original scope of works had a narrow focus on treatment only however an issues and options report (completed in May 2010) identified some other potential issues in relation to the condition of the infiltration gallery; the older raw water trunk main and the older treated water trunk main. The report also recommended that a three month pilot trial of treatment systems be undertaken. The need to investigate the source and pipeline assets and complete the trial resulted in the original project timeframes being put back to September 2011.

The trial of the filters is nearing the end of its three month period. There are two systems being evaluated – a rapid “sand” filter (media = ceramic based particles), and a cartridge filter (media = polypropylene microfiber). Cartridge filters have a lower capital cost but can have high operating costs if the cartridges have to be replaced frequently. The trial was intended to provide sufficient information to allow for an accurate life-cycle cost analysis to be completed.

The cartridge filters have been performing well and are not blocking up excessively, ie they have not had to be replaced. However, there has not been a turbidity event occur during the period of the trial and therefore it has not been possible to verify how the cartridges perform when they are exposed to poorer quality water. Running the trial equipment through a turbidity event will demonstrate whether or not the cartridge filter can cope without imposing excessive maintenance costs on the scheme. It will also permit accurate sizing of the filters. Cartridge filtration is expected to be the cheapest and simplest solution for Methven if it can be demonstrated feasible.

A decision on the filtration system needs to be made at this point to keep to the September 2011 completion date. The alternative is to approve an extension to the pilot trial (and project deadline).

5.4 OPTIONS & RISKS CONSIDERED

The options available to the committee are set out below:

Option One – Extend Pilot Trial by up Three Months

The pilot trial is continued for up to 3 months in order to provide the best likelihood of capturing a turbidity event. This will allow time to potentially prove the capability of the cartridge filtration system and allow for asset life-cycle cost analysis to be completed.

Risks

- May not capture a turbidity event within the next three months.
- Delays to the project.

Option Two – Proceed with Upgrade using Cartridge Filtration

The upgrade would proceed on the basis of a cartridge filtration system. There is currently insufficient information on which to base detailed design. Proceeding with this system is likely to result in some conservatism in sizing. Even with a conservative approach, there may be turbidity events that could exceed the capacity of the system finally installed.

Risks

- Conservative design may negate potential capital savings otherwise available in accurate system selection.
- Higher than expected operating costs.

Option Three – Proceed with Upgrade using Rapid “Sand” Filter

In the absence of verifying the suitability of cartridge filtration, the rapid filter is considered the “safest” option if Council wishes to proceed to meet the September 2011 deadline. It will be better able to cope with turbidity events because it can automatically backwash and there is flexibility around the backwashing frequency. This option could have consent issues related to disposal of backwash water and cause some compromises with the plant layout, however, it is envisaged that these issues can be managed.

Risks

- Consenting issues relating to disposal of backwash water.
- Potential compromises in treatment plant layout.

The recommended option is **Option One**. This will provide the best opportunity to capture a turbidity event and allow for analysis of asset life cycle costs and accurate design of the selected system.

5.5 STATUTORY IMPLICATIONS

The upgrade of the Methven water supply is being done to improve treatment systems with regard to compliance with the Drinking Water Standards for New Zealand (DWSNZ).

The following legislation is relevant:-

The Health (Drinking water) Amendment Act 2007

This legislation amended the Health Act with the insertion of a new Part 2a, which in turn made the DWSNZ mandatory. The legislative timeframes for compliance with the DWSNZ were outlined in The Act. The new National Government subsequently delayed these timeframes by three years.

The deadline for the Methven water supply for compliance with the DWSNZ has therefore been revised from 1 July 2011 to 1 July 2014.

5.6 CONSULTATION

The Methven Community Board has been provided with an overview of the report subject on Tuesday 23 November. Comment was sought on the recommended option. Board members have indicated support for the extension of the pilot trial.

Consultation on the upgrade itself with the wider community was intended to commence once a filtration system had been selected and the programme was more defined. It is proposed that this detailed consultation be delayed until completion of the extended trial.

5.7 STRATEGIC LINKS

The recommendations contained in this report are consistent with Outcomes and Strategic Objectives outlined in the LTCCP. In particular;

Outcome 1: A thriving and diverse local economy that provides the foundation for a quality lifestyle.

Strategic Objective. Our community has access to quality infrastructure (roading, water, footpaths, wastewater and storm water) that is efficient and reliable (Priority Objective).

Outcome 2: Natural and developed environments are sustained for the enjoyment of current and future generations.

Strategic Objective. Water, land and air are managed sustainably (Priority Objective).

5.8 FINANCIAL

The costs of operating the trial are negligible. There are therefore no financial implications arising from the recommendations contained in this report.

Prepared By:

A R GUTHRIE
Water Services Manager

Approved by:

R S ROUSE
Operations Manager

ASHBURTON DISTRICT COUNCIL REPORT

FILE NO: 0200-00-01
DATE: 2 December 2010
REPORT TO: Operations Committee
FROM: Emergency Management Officer
SUBJECT: Civil Defence - Sector Post Review Process

6. CIVIL DEFENCE SECTOR POST REVIEW PROCESS

6.1 SUMMARY

It is proposed that the Civil Defence sector posts in Wakanui, Carew, Laghmor and Winchmore are dispensed with.

Sector posts are the first point of call for the public who are in need of assistance, or who are able to offer assistance during a Civil Defence emergency. There are 14 sector posts in the district currently, most are located in state primary schools, but in Methven and Rakaia the Land SAR group headquarters double as sector posts. Improved communication systems and modes of transport such as helicopters and 4WD vehicles have negated the need for sector posts in small sparsely populated rural areas.

6.2 RECOMMENDATION

"That the Committee approves the Sector Post review process."

6.3 BACKGROUND

Sector posts are the first point of call for the public who are in need of assistance, or who are able to offer assistance during a Civil Defence emergency. The function of the sector post is to provide a base for the reconnaissance and management of response activities within that area during emergencies. There are 14 sector posts in the district currently, most are located in state primary schools, but in Methven and Rakaia the Land SAR group headquarters double as sector posts.

The sector posts are staffed by volunteers from within the respective communities. In the larger communities, centred around the rural townships, the Civil Defence response is provided by existing groups such as rural fire forces and Land SAR groups who have established training programmes, command structures, work in emergency response on a frequent basis and have excellent communication systems. In the smaller areas we are reliant on individual volunteers.

There are issues surrounding the recruitment, retention and training of individual volunteers and issues around their availability during emergencies. The sector posts in Wakanui, Laghmor, Carew and Winchmore are staffed by individual volunteers. These volunteers are predominantly farmers, whose first priority during an emergency will be their farms, consequently making them unavailable for Civil Defence activities.

Improved communication systems and modes of transport such as helicopters and 4WD vehicles have negated the need for sector posts in small sparsely populated rural areas. In the past sixteen years, only one sector post in Ashburton district has been opened – in Hinds during the 2000 floods.

It is proposed that the sector posts in Wakanui, Carew, Laghmor and Winchmore are dispensed with.

6.4 OPTIONS

1. Agree to recommendation – using the proposed consultation process.
2. Maintain the status quo.

6.5 STATUTORY IMPLICATIONS

The Civil Defence Emergency Management Act 2000 requires local authorities to take all steps necessary to maintain, provide, or arrange the provision of suitably trained and competent personnel and an appropriate organisational structure for those personnel for effective CDEM in its area.

The legislation does not dictate how local authorities are to do this. If this proposal is approved by Council there will still be 10 sector posts remaining in the district, this will still provide adequate coverage.

6.6 CONSULTATION

Proposed consultation as follows:

- Develop a sector post review proposal which outlines what is proposed and why and will include a map of the remaining sector posts.
- Advertising through local media (print, radio, website).
- Letters and proposal to key stakeholders.
- One month submission period with written submissions only.
- Report to Council with outcome of consultation and recommendation.

6.7 STRATEGIC LINKS

The recommendation in the report is not inconsistent with the LTCCP community outcomes.

6.8 FINANCIAL

Costs for the review will be met from within existing budgets.

Prepared By:

D GEDDES
Emergency Management Officer

Approved by:

R ROUSE
Operations Manager

ASHBURTON DISTRICT COUNCIL REPORT

FILE NO: 0500-07-07
DATE: 2 December 2010
REPORT TO: Operations Meeting
FROM: Water Subcommittee
SUBJECT: Unconfirmed Minutes of Water Subcommittee Meeting – 11/11/2010

7. WATER SUBCOMMITTEE

REPORT and **MINUTES** of the **WATER SUBCOMMITTEE** meeting held in Council Chambers, on Thursday 11 November 2010, commencing at 3.15 pm.

PRESENT: Councillors D Nelson (Chair); N Brown, P Reveley, S Wilson, A Totty & J Leadley
In attendance Mayor A McKay; Councillors R Kilworth, J Burgess, M Nordqvist & D Favel; Chief Executive, Water Services Manager, Administration Officer, Senior Water Ranger & Water Services Field Assistant.

Confirmation of Minutes – 26/8/2010

"That the minutes of the Water Subcommittee meeting held on Thursday 26 August 2010, be taken as read and confirmed."

Brown/Leadley

Carried

Matters Arising

Winchmore Water Supply

The Water Services Manager confirmed that a letter from the Winchmore water supply residents has been received.

Hinds Domain Water Meter

The Water Services Manager reported that a leak located in the Hinds Domain was repaired on 23 September 2010.

SK-AP Barrhill-Rakaia Stockwater Race Closure – Legal Challenge

The Water Services Manager referred to his previously circulated memo in respect to the legal opinion received by Council.

Option 1: Carry on and risk legal action and potential high legal fees and court costs.

Option 2: Rescind closure decision

Staff recommended Option 2 and a report will be made to Council on 25 November 2010.

It was confirmed that the date shown in the recommendation is correct.

Stockwater Race Closures – Issues & Options and Closure Guidelines Review – to be progressed and completed by end of March 2011. Adopted by Council April 2011.

Shortcomings have been identified in the policy from the legal opinion – not focused on property alternatives. Will now try and develop generic options and work under Local Government Act (LGA)

Comments: Compelling arguments for and against this particular race closure. Makes sense to close at Barrhill. There are alternatives but costly. Policy document will not be an easy one to work on but all options needs to be factored into document.

Funds have been put aside for further investigations/alternatives – what happened to that? What is the new time-line? Should this investigation still be carried out?

Water Services Manager reported that investigation was carried out regarding water supply extension of the Rakaia Water Supply into the Rakaia Settlement area and this was reported to the previous Water Subcommittee. Further investigation is being carried out for a select area of the Rakaia Settlement and this will be completed by 26 November 2010.

The Chief Executive commented that there are concerns about the fact that stockwater closures are now only focused around water efficiency. Costs of alternatives will be identified in the new policy but the review should be taking these points into consideration:

- Resource consent – water efficiency
- Canterbury Water Strategy – get their input when reviewing policy
- Bio-diversity issues need to be acknowledged

It may be that some races will need to be protected.

Future Actions – No. 3

Applications should be reviewed on a case by case basis. One person may be holding up a race closure, but can be worked through.

Cr Leadley would support a hold on further requests if the policy review is to be completed by March 2011, this is not felt to be a long time to have applications on hold. We have already achieved this.

There are two 'closures' in the process?

Cr Kilworth noted that according to the legal opinion, Council need to be seen to have considered options of all closures – including the ones with full support.

Water Services Manager replied that if race closure was considered 'significant', it will go through the Special Consultation Process.

The response was that all races should be documented.

Water Services Manager said that staff may look at changing forms but this change will need to be approved by Council.

Mayor McKay noted that a tick box process with the new policy will speed up the process long term. With the current stockwater closures, when following the policy procedure – is this being done?

Cr Leadley noted that staff have been following policy, and working off flow charts. Recommendations from the subcommittee go onto Council. Was not aware that the 100% support applications for race closures had to go to Council.

Chief Executive responded that stockwater is unusual in the fact that not all applications are race closures – some are deviations of races.

RECOMMENDATION TO OPERATIONS COMMITTEE

“1. That only the stockwater applications with 100% support be processed.
2. That applications without 100% support be put on hold until the policy has been reviewed – March 2011.”
Leadley/Reveley
Carried

Cr Brown recorded his vote against the motion.

Rakaia Settlement Water Servicing

- Potable Water Supply
- Not a fire fighting service
- Restricted supply to boundary
- Will require ground water storage

- Report due back 26 November 2010
- Consultation with property owners January 2011

Cr Brown suggested that it would not be necessary to investigate Ulundi Road.

“That Council investigates a smaller block of Rakaia Settlement for water servicing – being the block of Hardys Road, Wolseley Road, Baker Road & Johnstons Road, excluding Ulundi Road.”

Brown/Reveley

Carried

Barrhill Village Water Supply

Spoken to a resident at Barrhill Settlement who is quietly confident of gaining a water supply. Cr Reveley believed there had been a variation to the Lyndhurst consent but that the residents were happy to continue.

It is considered that there are options that can still be looked into. Not dealing with the issues of the race closure – need to investigate further.

RECOMMENDATION TO COUNCIL (25/11/10)

“That the decisions of 12 August 2010, pertaining to the closure of the Barrhill Rakaia Stockwater Race Closure; be formally rescinded.”

Leadley/Totty

Carried

Cr Reveley and Cr Brown recorded their votes against the motion and said that investigation into alternatives for race closure should be carried out immediately.

Discussion in relation to review of policy - against because race is not going to be investigated until April 2011. Should be done immediately.

RECOMMENDATION TO COUNCIL (25/11/10)

“That the race closure policy / guidelines be reviewed and presented to Operations Committee 28 April 2011; the race closure to be revisited once this work is completed.”

Leadley/Totty

Carried

Cr Reveley recorded his vote against the motion.

“That Council investigates an alternative to possible race closure – McKays Road and Holmslee Road/Mitcham Road.”

Reveley/

Lapsed

RECOMMENDATION TO OPERATIONS COMMITTEE

“That preliminary investigation work for Barrhill / Rakaia / Rakaia Settlement and surrounding areas be undertaken as soon as possible.”

McKay/Brown

Carried

Funds to be from Stockwater investigation account.

Copy of letter for property owners on Barrhill/Rakaia closure discussed and approved for distribution. Follow up letter will be sent after Council meeting and adoption of report.

SK-BB Hinds Highway Race Closure – SCP Deliberation

The Senior Water Ranger reported on background to the race closure. He explained that this race is used for catchment of stormwater, which then goes into a large soakhole. The race is only used in high rain events.

Cr Wilson noted that stockwater is only used for the front property – the balance of the race is used for stormwater. Would like race to remain open. Concerns about main race crossing under SH 1 and banking up which would cause flooding on Hinds Highway.

RECOMMENDATION TO COUNCIL

“That the Hinds Highway Race Closure stockwater race running from below Hinds Highway on Lot 2 DP 27690 to where it ceases at a soak hole on Lot 3 DP 67758 not be progressed at this time.”

Wilson/Reveley

Carried

Tinwald Borefield Project

Water Services Manager circulated Opus report and plan of sites for treatment building and reticulation location. Bore has been drilled in Tinwald Reserve Board area. Water Services Manager requires clarification of:

- Building location
- Treatment requirements
- Reticulation location

Treatment Building Site

Two options

- Beside existing bore site
- By closest road (Maronan Road)

To locate by Maronan Road is more expensive due to extra cabling etc. – a site adjacent to the bore is the preferred option, and will also have better security. Questions asked about the budget so far – Water Services Manager replied that under budget at this stage of project.

Cr Kilworth noted that the Tinwald Reserve Board would like to consider a preferred site, and costs involved.

“That the Tinwald Bore Treatment Building is to be at the preferred site (TB1) adjacent to the existing bore, to be submitted to the Tinwald Reserves Board.”

Brown/Reveley

Carried

Reticulation Location

- Through the Plains Village
- Direct route down the Maronan Road
- Old rail corridor

Rail corridor is the shortest and cheapest option but runs beside old large trees which have the potential to cause problems in the future.

The village option has the availability to supply an additional fire fighting service in the future.

Tinwald Domain is on town supply now.

“That the reticulation route be the preferred option of RM 1, through the Plains Village, to be submitted to the Tinwald Reserves Board.”

Brown/Reveley

Carried

Water Treatment Requirements

Water Services Manager circulated a report from Opus to discuss various treatment options for the Tinwald Bore.

Intention was to do a repeat of the Bridge Street site, as per the treatment process. The alkalinity falls outside the desirable range in the Tinwald Bore and staff recommend adding carbon dioxide. Carbon dioxide will counter potential problems with copper. Is the cost significant? No.

Water Services Manager reported that bore is yielding 90 litres per second. Existing pipe is 250mm diameter – 63 litres per second under the bridge. The projected demand for Tinwald in 50 years is a requirement of 80 litres per second. Present line is not going to be suitable and there is the potential to make this a full production site. Trunk main line to Tinwald Township would benefit upsizing to 300mm diameter. Design estimates to date have all been on 300mm dia.

Mayor McKay asked if the 90 litres per second flow testing for the bore had been confirmed? Who was the hydrologist who signed off the report? Water Services Manager to confirm name and information and report back. Not happy to approve bigger infrastructure if information is not 100% accurate.

“That trunk main pipe size increase from 250mm diameter to 300mm diameter to pump water back to Ashburton Township.”

Brown/Leadley

Carried

General Business

Domain Bore No. 7

Water Services Manager reported that commissioning Deep Bore No 7 is due to start. Ashburton Contracting Limited has been commissioning Deep Bore No. 6 and they could continue on with No. 7. Bore 6 cost \$379,000 and the Water Services Manager reported that he would expect No. 7 would be a similar price – may be \$400,000 to \$450,000. Water Services Manager to check on price.

Cr Kilworth indicated an interest in the size of building when this is to be commissioned.

Mayfield Water Supply

The Water Services Manager reported that the well driller had a delayed start as they were helping out after the earthquake, after a delayed start, due to the well driller being involved with earthquake damage workloads, he believed they have had problems with equipment. Data loggers have been deployed.

The Mayor asked whether, after testing, it is possible to be provided with the test sheets.

The meeting concluded at 5.15 pm.

8. ACTIVITY REPORTS

8.1 GENERAL

8.1.1 Financial Reports

Financial reports for the period 1 July 2010 to 31 October 2010 are attached.

Pages 33-44

8.1.2 Ashburton Business Estate

The 224 certificate for the Business Estate has been issued.

Titles are expected on 10 December 2010.

Work is progressing on Stage 2 work with the construction of the sub-grade for the road between Stage 1 to Company Road 70% complete and the construction of swales/rain gardens approximately 50% complete.

Stage 2 work is programmed for completion on 31 January 2011. Completion of Stage 2 work does not affect the issue of titles for Stage 1.

Completion of minor outstanding works in Stage 1 is programmed for completion by 3 December 2010.

There has not been a successful grass strike on some of the road swales/rain gardens. The contractor has been asked to provide details of remedial works to achieve the required outcome.

- **Financial Summary**

Tendered sum	\$5,826,020.01
Tendered sum excluding contingency	\$4,826,020.21
Stage 2 work (outside contract)	\$ 577,328.00
Lot 24 work (outside contract)	\$ 203,041.00
General variations	\$ 600,000.00
Importing AP40 (variation)	\$ 219,000.00
Increased quantities to schedule	\$ 557,600.00
Forecast final total expenditure including all additional work and variations	\$6,982,989.21
Forecast final Stage 1 expenditure excluding Stage 2 and Lot 24 work	\$6,202,620.21
Forecast contract over expenditure (original scope)	\$ 376,600 (6.5%)

8.1.3 Professional Services Contract

Council considered a report at the 25 November meeting regarding the contract duration and the weightings for price and non price attributes.

The work scope includes water services and roading and street services capital works and cyclic renewals and the management of the roading maintenance contract.

The tender programme is as follows:

- | | |
|---|------------------|
| - Advertising for registrations of interest | 27 November 2010 |
| - Tenders close | 22 February 2011 |
| - Interviews with tenderers | 9/10 March 2011 |
| - Tender award at Council meeting | 14 April 2011 |

8.1.4 Fish Screens

A letter has been received from Environment Canterbury regarding the provision of fish screens in our stockwater network. As previously advised, it is our position that the installation of fish screens be deferred until the fish screen project in which Council is a participant is complete.

The aim of this project is to generate field data that will generally aid in decision making with respect to fish screen installations.

ECan have acknowledged that further information on the efficiency of fish screens would be useful before committing to installations on all takes. They have advised that they believe the staggering of installations with all being installed by July 2013 would be a pragmatic approach. This would ensure information on screen efficiency would be established during the life of the fish screen project (2 years).

Further clarification of ECan's position has been requested.

8.1.5 Stockwater Consent Replacements and Rakaia Water Conservation Order

Council has appealed a number of conditions on the replacement consents for our stockwater takes. Essentially agreement has been reached between the parties with only one issue that is not subject to agreement. The outstanding issue relates to consent duration. We have however agreed to accept the 20 year consent duration.

The appeal was put on hold to allow Council to make an application to the Minister for the Environment for a minor amendment to the Rakaia National Water Conservation Order (WCO). The amendment is to exempt the take for the scheme at Acton from the low flow regime under the WCO so it will not prevent operation of the scheme.

The exemption is minor as it will simply recognise the status quo which has been operating in the Rakaia River for many decades.

The consent conditions imposed by ECan replicate the current WCO regime. This was not appealed since they give effect to the WCO so would be beyond the jurisdiction of the court to alter.

The application to amend the WCO has been prepared following advice from Fish and Game and ECan that they were prepared to support the amendment as being minor.

The only outstanding information to be collected is an independent report confirming, from a hydrological perspective that the effect of the Acton take is minor in the context of the volume of the flows in the Rakaia River.

This report will be completed by the end of November.

Once this report has been received the application will be lodged with the Minister.

8.1.6 2011/2012 Budget

Work will commence on the preparation of the 2011/2012 budget shortly. The first task will be to finalise the overhead activity area which is programmed from completion on or before 10 December 2010.

8.1.7 2nd Bridge across the Ashburton River

The fourth meeting of the 2nd Bridge Community Reference Group was held on Monday 15 November.

The purpose of this meeting was to review the assessment of options against the criteria identified.

8.2 ROADING

8.2.1 State Highway Work 2010/11

Work has commenced on these overlay sections south of Hinds:

- A 490m area wide pavement treatment on SH1 at Old Main South Rd south of Hinds. This work will incorporate the closing of Old Main South Road and is due for completion in December 2010
- A 930m area wide treatment on SH1 north from Frisbies Road south of Hinds due for completion in December 2010

Other works planned or in progress are as follows:

- Fulton Hogan Ltd have been successful with the annual resurfacing contract which is due to be completed by mid March 2011
- As part of the resurfacing contract and due for completion in December 2010 FH are to apply thin asphaltic surfacing to the following parts of SH1:
 - East St/West St intersection
 - Havelock St to Moore St
 - Dobson St to East St
- A 1,420m area wide treatment south of Giddings Road on SH1, awarded to FH and due for completion mid March 2011

8.2.2 Crash Reports

A record of crashes that have occurred in Ashburton district on state highways and local roads since last report is appended. This includes a fatal accident on Line Road Lauriston at approximately 13:20hrs on Sunday 7 November. The car was heading towards Methven and the driver lost control of the vehicle on a moderate curve just prior to the Lauriston Barrhill / Line Road intersection.

Pages 45-46

8.2.3 General Maintenance

Pre-seal pavement repairs on sections of road programmed for resealing are well underway and are due for completion in early December. In addition, edgebreak and pothole repairs have been carried out and sections of low shoulder have been built up to seal level.

Maintenance of unsealed roads is continuing with the contractors graders working on their normal rounds. The grader mounted roller has been completed and is in operation in the North East area of the district. It is proving particularly successful on roads which have a reasonable depth of good aggregate where the initial compaction the roller achieves effectively creates a traffic lane for following traffic. This means the traffic stays within the defined lane and prevents the familiar three wheel track pattern which is prevalent elsewhere and which makes it extremely difficult to maintain the crown of the road. The roller is less effective when the roads are too dry or when the aggregate is segregated.

Pages 47-49

Extensive investigation has been carried out on the subsidence in the middle of Ashburton Gorge Road in the area which is reported to have last opened up in 1957. At that time, a quantity of large rocks was tipped into the hole which was also reported to have water flowing in the bottom of it.

The latest excavation was to a depth of 4.5m and while there were obvious signs of the large rocks and other imported gravels, no evidence of an underground stream was found. The hole has been backfilled and will be allowed to consolidate before shaping and sealing prior to Christmas. It was thought that the subsidence might have been triggered by the 4 September earthquake and it is quite possible that the ground movement at the time, followed by the numerous aftershocks, may have caused some of the smaller aggregate in the hole to settle into the voids in the larger rocks.

8.2.4 Area Wide Pavement Treatment

Contract C573 - sealed road rehabilitation 2010/11. Paul Smith Earthmoving has completed work on the Longbeach Road and two sections of the Arundel Rakaia Gorge Road between "Scotts Corner" and Anama Station Road. A further section immediately north of "Scotts Corner", a section of Ashburton Gorge Road and a section of Moore Street, between Chalmers Avenue and Cass Street, are to be completed under this contract.

8.2.5 Major Drainage Control

C568 new and replacement kerb and channel and footpath, Ashburton district 2010/11 has been let to ACL. Work at South Belt Rakaia is to be completed prior to the Christmas break.

This contract includes the work carried over from last financial year as well as those works planned for the current year.

The roadside drainage improvements contract has been let, under delegated authority, to Junction Contractors Ltd from Greymouth. They commenced work on this contract on Tuesday 26 October 2010, and are to have it completed by 18 December 2010. It is currently approximately 60% complete.

8.2.6 Reseals of District Roads

Contract C592 - reseals and pre-seal repairs, 2010/11 has been let to ACL. This contract is to resurface 107.9km (729,458m²) of sealed roads within the district. 8.2km of resurfacing is within urban areas. 70% of Urban reseals and 19% of the rural areas have been completed. The contract is to be completed by 11 March 2011.

8.2.7 Bridges

The 2010/11 replacement of bridge 30 (Double Hill Run Road – Double Hill Stream No 1), upgrades of Bridges 48 and 65, and the replacement of bridge 146 on Osborns Road is out to tender with tenders closing on 7 December.

Additionally if funding permits and resource consents can be obtained, two further bridges will be replaced by culvert constructions. These are bridges No 156 Wheatstone Road, water race and No 75 McLennans Bush Road, un-named creek.

8.2.8 Street Cleaning

Routine cleaning is being carried out to programme. All reported incidents of detritus and undesirable material left on road carriageways or berms, and any blockages of surface water run-off were attended to.

8.2.9 Traffic Services

Routine maintenance of road signs and traffic services continues as part of the road maintenance contract throughout the district.

Total numbers of signs affected during October and for the previous 9 months are:

	Jan/ Feb	Mar	Apr	May/ Jun	Jul	Aug/ Sep	Oct	Total 10 months
Replace broken signs	29	18	24	26	12	39	19	193
Replace missing signs	31	29	8	13	5	17	9	141
Replace or upgrade signs	11	10	11	52	9	9	3	113
Replace marker posts	131	113	7	85	-	64	-	422
Totals	202	170	50	176	26	129	31	869

Contract C556 – Maintenance of Road Markings 2009 – 2012. Operation of this contract continues with the maintenance of Pavement Marking on sealed roads District wide.

8.2.10 Carriageway Lighting

Contract C583 – Operation and Maintenance of Streetlights 2010-2011. Electricity Ashburton are continuing with maintenance work and operation of Council's street lights until June 2011 when a longer term contract will be tendered.

8.2.11 Minor Improvements

Below is a list of projects proposed under the Minor Improvement Programme for 2010/11:

- Intersection Upgrade – Cracraft Maronan Road/Trevors Road/Barnswood Road/Lismore School Road/Stonylea Road. It is envisaged that this will be included in the same contract as –
- Intersection Upgrade – Hinds Arundel Road/Trevors Road and Withells Road. This work was deferred from 2009/10 to allow a large irrigation pipe to be installed beneath the proposed intersection.
- Upgrade signage and parking on Dorie School Road for Dorie School and the Pre-school.
- Sealing of up to 8 Unsealed Intersection approaches.
- Sealing the unsealed approaches to 2 single lane bridges.

The total estimated cost for the above is \$600,000 from a total available budget of \$793,000.

Due to the expected timeframe required to gain the necessary resource consents the Mayfield Hinds Irrigation Company have advised that the construction of the irrigation pipe under Trevors Road is likely to be undertaken late in the season. Accordingly our minor improvement work planned for this intersection may be delayed. We are currently investigating what alternatives we have to progress this work.

8.2.12 Seal Widening

The remaining section of Bremners Rd widening will be tendered with the Glassworks Road Intersection upgrade. It is also planned, funds permitting to have this section of Bremners Road overlaid and strengthened. It is possible savings will be available within the current rehabilitation contract with Paul Smith Earthmoving. If this proves the case then the above works are planned to commence late February 2011.

8.2.13 New Roads

Contract C574 - Dobson St West Construction. The new road linking the existing section of Dobson Street with Robinson Street in the Riverside Industrial Area has been constructed and sealed on 19 November and is now open to the public. Minor finishing of a short section on the south side of the road will be completed once Electricity Ashburton have relocated some large pole stays sufficiently for the kerb and channel to be constructed. Construction of stormwater disposal into the unnamed stream running through the site, and into soak pits on site, is delayed pending the issue of resource consent from ECan.

8.2.14 New Kerb & Channel and Footpaths

Contract C568 – New and Replacement Kerb & Channel, 2010/11. This contract has been let to ACL. It includes the new and replacement kerb and channel originally planned for 2009/10 and the work proposed for this financial year. The contract comprises new kerb and channel in Mt Somers, Rakaia, Hinds and Fairton, new and replacement kerb and channel and new footpath in Methven and replacement kerb & channel and new footpath in Ashburton. Works at South Town Belt Rakaia are to be completed prior to Christmas and at MacDonald Street Methven before school returns for the New Year.

8.2.15 Footpath Resurfacing 2009/10

Contract C595 “Footpath Resurfacing, Ashburton District 2010/11”. Tenders have closed and a tender evaluation report completed. Contract work is expected to commence prior to Christmas and be completed by the 26th March 2011. The work will comprise footpath resurfacing in Ashburton, Tinwald, Hinds, Mayfield, Mt Somers, Methven and Rakaia.

8.2.16 Footpath Maintenance

Ongoing routine maintenance and cleaning of the urban footpaths continues. As a result of pedestrians tripping over the uneven pavers at the arcade on Tancred Street Ashburton an area has been coned off to allow tree roots to be cut, removed and the pavers replaced.

8.2.17 Minor Township Maintenance Contracts

Normal operations continue for the Rakaia contract. Methven Township contract issues raised have been inspected by ADC. Instructions will now be given to the respective contractors to action. ADC has also been in contact with the school re the road access, pedestrian crossing and the flashing lights being addressed through NZTA.

8.2.18 Public Conveniences

No major issues to report.

8.2.19 Professional Services Contract

Opus have completed the RAMM condition rating and provided a consultation strategy for the Allenton Shopping Centre Upgrade. Work continues on the roughness survey and other projects required under contract C582.

8.2.20 Strategic Documents

Roading is currently reviewing final drafts of:

- Transportation Network Activity Management Plan version 5 – 2010
- Safety Management Strategy

Once reviewed and finalised these documents will be presented to Council for approval.

8.3 WATER SUPPLIES

8.3.1 General

The schemes are operating satisfactorily.

8.3.2 Water Restrictions

Water consumption on the schemes is being monitored at present. The 7 day average demand on the Ashburton scheme reached the trigger point for restrictions but has eased back again with the recent rain events. As a result, the application of restrictions has been delayed at this point.

The need for restrictions is generally reviewed every few days through the summer months in response to prevailing weather conditions and scheme demand patterns. A summary of the restrictions in place is shown in the table below and will be updated for each Operations Committee meeting over summer.

Scheme	Relative Movement & Dates of Restrictions			
Ashburton	■ L0			
Chertsey	■ L0			
Dromore	Permanent Hosing Ban			
Fairton	Permanent Hosing Ban			
Hakatere	■ L0			
Hinds	■ L0			
Lake Hood	■ L0			
Mayfield	■ L0			
Methven	■ L0			
Mvn Springfield	Permanent Hosing Ban			
Montalto	Permanent Hosing Ban			
Mt Somers	■ L0			
Rakaia	■ L0			
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**.

8.3.3 Ashburton

- **Ashburton Upgrade - Tinwald Borefield**

The Tinwald Borefield project includes the drilling & commissioning of a production bore; construction of a treatment plant; and construction of a pipeline from the plant to the nearest larger sized pipeline within the Tinwald reticulation.

At the 11 November meeting, the water subcommittee approved preferences for the treatment building to be located adjacent to the new bore and a pipeline alignment through the Plain Railway Village. Preliminary consultation has commenced with the Tinwald Reserves Board. The Reserves Board considered the matter at a meeting on 15 November and has indicated an agreement in principle for the preferred options with a request to be kept informed through the design process.

- **Ashburton Upgrade – Ashburton Domain Bore No:6**

The Ashburton Domain Bore No: 6 project covers the drilling and commissioning of a new bore in the Ashburton Domain.

The pipeline and cabling has been laid from the control room to the bore, pipe testing was completed last week. Cable from the new transformer to the control room has been laid. Installation of the control panels commenced and is expected to be complete by Friday 26 November. The bore pump and riser is programmed for installation the following day with commissioning proposed for the week commencing Monday 29 November. All works are expected to be completed by 3 December.

- **Ashburton Upgrade – Ashburton Domain No:7**

This project involves the drilling of a third deep bore at the Ashburton Domain. As at 23 November the bore has been advanced to 40 metres. Drilling is progressing well.

- **Pipeline Renewals**

Council has a comparatively large capital works programme and in order to progress this year's work as expediently as possible some of the more routine renewals were completed as variations to last year's contract with Ashburton Contracting Limited. The renewals covered under this work are:-

- Ferriman Street, Ashburton – King Street to Maynard Place
- Chertsey Kyle Road, Chertsey – Alexander Street to High Street

All works under this contract are now completed. Detail on the works is provided in the table below:-

Ferriman Street, Ashburton			
Date Started:	28/09/2010	% Complete:	100%
Expected Completion:	15/10/2010	Approx. Length of Pipe Laid:	98m of 98m
Completely Finished:	29/10/2010	Date All Pipes Tested:	5 October 2010
Comments:			
Chertsey Kyle Road, Chertsey			
Date Started:	15/10/2010	% Complete:	100%
Expected Completion:	05/11/2010	Approx. Length of Pipe Laid:	130m of 130m
Completely Finished:	29/10/2010	Date All Pipes Tested:	19 October 2010
Comments:			

8.3.4 Hakatere

- **Water Supply Upgrade**

This project covers the upgrading of the treatment system to meet the protozoal compliance criteria of the Drinking Water Standards for New Zealand (DWSNZ) and provision of additional storage on the scheme.

Investigations and preliminary design is continuing. A turbidity meter has been installed post treatment to monitor the effectiveness of the existing treatment processes which will assist in confirming the final treatment configuration.

8.3.5 Lake Hood

- **Treatment Equipment Component Replacement**

The filter media replacement was completed on 10 November. The filter system has been returned to automatic operation and the appearance of the water has greatly improved.

8.3.6 Mayfield

- **Water Supply Upgrade – Private Bore Testing**

The well driller was delayed due to the need to attend to emergency works associated with the Canterbury earthquake. Step drawdown testing was completed 19 November and the constant rate discharge testing is to be completed during the week commencing 22 November.

Analysis of the testing results cannot be progressed until all testing is completed and the data-loggers are retrieved.

8.3.7 Methven

- **Water Supply Upgrade**

The cartridge filters have been performing well and are not blocking up excessively ie they have not had to be replaced. However, there has not been a turbidity event occur and therefore it has not been possible to check how the cartridges perform when they are exposed to poorer quality water.

A request to extend the trial is the subject of a standalone report.

8.3.8 Rakaia Settlement Water Supply (Servicing Investigation)

In accordance with decision by the water subcommittee, an investigation is being undertaken on a water supply to service part of the Rakaia Settlement. The area being looked at is the area of life-style properties serviced by the Barrhill Rakaia stockwater race bordered by Hardys Road, Wolseley Road, Johnston Road and Baker Road.

An issues and options report on the proposed servicing is expected to be completed by 26 November 2010.

8.3.9 Winchmore

- **Winchmore Scheme Future**

A letter to the Chief Executive has been received confirming the scheme users desire to take over the water supply scheme. Advice on the statutory process to be followed to achieve this is being sought.

It is proposed that any transfer (if supported through the statutory process) would take effect at 1 July 2011.

8.4 WASTEWATER

8.4.1 General

The schemes are operating satisfactorily.

8.4.2 Ashburton

- **Inline Effluent Screen**

This project involves the installation of an automatic inline screen on the treated effluent pipework prior to the irrigation pumps at Ocean Farm.

Information on the general arrangement of the filter location has been received by our engineering service provider from the original system designer. Prices of two different inline effluent screens have been received and on-site investigation is being carried out to confirm the best option.

- **Maturation Pond Outlet Screen**

This project involves the installation of a screen on the outlet structure on the Maturation Pond (Pond 4) at Wilkins Road.

Our engineering service provider has completed a site inspection and further investigation work into alternative screen types has taken place.

- **Pump Station Portal Building**

This project covers the construction of a portal framed building over the irrigation pump station at Ocean Farm.

Our engineering service provider has completed the design of the modified building and is awaiting pricing of the building work.

- **Irrigation Bore Supply**

This project covers the drilling of up to two bores on Ocean Farm to augment the irrigation system during summer months when flows of treated effluent are lower.

A bore drilling consent has been granted. A price has been received for drilling and is currently being reviewed. Drilling is still on target to commence in November.

8.4.3 Ocean Farm

- **General**

With cold and reasonably dry conditions in September and October, it has enabled an early start to harvesting of the grass this season.

- **WW-AG11, Removal of Standing Grass from Ocean Farm – Terrace Road, Ashburton**

This contract is a three year contract which commenced last year (2009/10). It is subject to negotiation and renewal on an annual basis (i.e. 1+1+1) which was completed in early October.

Harvesting of grass commenced on 10 October, and to date the following blocks have received their first harvest of the season: A, B, C, E, F, G, I, K, M, N. The harvest yield of these blocks is 476,693 kgDM.

8.4.4 Rakaia

- **Sludge Pump Repairs**

The sludge pump in the primary clarifier at the Rakaia Wastewater Treatment Plant (WWTP) required repairs due to frequent blockages due to overflow of material from the screen. The repairs consisted of replacement of the pump cutter and other components.

The repairs to this pump have significantly reduced the volumes of sludge being disposed of through irrigation in the tree plantations.

- **Centre Pivot Rut Filling**

Treated effluent at the Rakaia WWTP is disposed to land by irrigation through a centre pivot irrigator. Over time, the irrigator has created wheel ruts which need to be filled to prevent damage to the irrigator and agricultural machinery during grass harvest.

Prices for filling of the irrigator ruts were sourced from four companies. The successful company established on site on 24 November and commenced filling of ruts on or about 26 November. The ruts in the other irrigation block will be filled following the shifting of the irrigator.

- **WW-AG12, Removal of Standing Grass from Rakaia Wastewater Treatment Plant – Acton Road, Rakaia**

This contract is a three year contract which commenced last year (2009/10). It is subject to negotiation and renewal on an annual basis (i.e. 1+1+1) which was completed in mid November.

Harvesting of grass will commence following the filling of the centre pivot ruts allowing for the shifting of the irrigator to the other effluent disposal block.

8.5 STORMWATER

8.5.1 General

The schemes are operating satisfactorily.

8.5.2 Ashburton

- **Chalmers Avenue Gross Pollutant Trap**

This project covers the installation of a proprietary device at the end of the Chalmers Avenue stormwater drain to capture and remove trash and sediments from stormwater prior to discharge to the Ashburton River.

Our engineering service provider carried out a site visit and is continuing investigation into which device will be the best option for the site. Design is to be complete in January 2011.

8.5.3 Ashburton Urban Stormwater Strategy

This project covers the investigation and implementation of the Ashburton Urban Stormwater Strategy (AUSS). Works programmed for this year include flow monitoring; rainfall data capture; stormwater manhole survey; and surveying of Mill Creek; Carters Creek & Lagmhor Creek.

- **SW-AD10, Stormwater Survey for AUSS Investigations 2010/11**

The survey work of the Ashburton stormwater network commenced on 22 November 2010. No reports of any issues regarding this work have been received to date. The contract completion date for this work is 21 January 2011.

- **SW-AD11, Stormwater Flow Monitoring for AUSS Investigation 2010/11**

The flow monitoring and rainfall data was downloaded on 18 and 19 November and the equipment has successfully recorded some minor rain events and the larger rain event on 5 November. All site equipment has been calibrated.

8.5.4 Mill Creek

- **Bank Stabilisation 2010/11**

This project covers the bank stabilisation at a number of properties along Mill Creek. Treatment systems may vary depending on location but generally timber lining is used where access permits. Concept designs are currently being developed.

In response to an enquiry at the November Operations meeting regarding bank protection through the Racecourse Road development – the approved engineering plans have been verified and bank protection work is to be carried out for the new residential sections adjacent to the creek.

8.6 STOCKWATER

8.6.1 Network

The network has experienced an extended period of relatively stable flows with only one rain event during this period of any significance. The South Ashburton (Brothers) intake has required river works to divert flows into the intake channels following a shift of the river course towards the northern banks.

Spring fed race networks are coming under pressure as ground water levels recede with the onset of summer.

Main race maintenance and weed spraying programmes have commenced. As the water temperature starts to increase, weed growth within the race increases and raises the likelihood of flooding from the race network.

8.6.2 Race applications / closures

Since 1 July 2010, a total of 52 applications have been received, with 4 applications awaiting further information. The remainder have been approved.

Race closure measurements have been undertaken using measurements derived from the Council's GIS and indicate completed closures at 194,175 metres.

The Acton Irrigation Scheme and the Barrhill Chertsey Irrigation (BCI) schemes have resulted in an increase in the number of race alteration and closures applications being processed as property owners consider alternatives to stock water races. Many of the race closure applications currently been processed are being processed with 100% support.

The Racecourse Road and Buttericks Road race closures were completed on 5 and 18 November respectively.

8.7 SOLID WASTE

8.7.1 Ashburton Resource Recovery Park

Alterations to the reuse shop interior are complete and the reusable items retail operation has commenced.

There continues to be a significant focus on maintaining a clear, clean and tidy site and educating the public on acceptable recyclable materials as they access the drop off facility. Feedback from the public has been positive.

Mastagard has been working with a local plastics company and was successful in processing and marketing 100 tonnes of purgings – preventing these being disposed of to landfill. A market was also found for a local manufacturer for 16 tonnes of post industrial plastic.

Plans have been drawn up for the overall landscaping and planting of the site and a staged approach is in place to complete the work required.

The education programme has been fully researched, approved and is currently being printed. The education centre building has been remodelled with banners, posters and display material.

All buildings belonging to the previous contractor have now been removed from the site.

8.7.2 Residual waste management at the Ashburton Resource Recovery Park

Residual waste management at the Ashburton Resource Recovery Park is operating well with tonnages of 19.9 tonne (20 t max) being achieved per container load to Kate Valley optimising transport costs.

Materials recovered from the residual waste disposal area are down as Mastagard are awaiting the arrival of a purpose built loader designed to perform this task.

Tonnes of materials recovered from the residual waste disposal area in 2009/2010			
	2009/10		2010/11
July	3.00	July	9.12
August	4.78	August	7.74
September	3.82	September	5.52
October	3.01	October	3.20
November	5.88	November	
December	6.76	December	
January	7.74	January	
February	7.12	February	
March	7.62	March	
April	6.82	April	
May	8.96	May	
June	9.08	June	

8.7.3 Green Waste, Construction & Demolition Waste management at the Ashburton resource recovery park.

Month	Green Waste - tonnes		Construction & Demolition - tonnes	
	2010/11		2010/11	
July	-		-	
August	-		-	
September	-		-	
October	34.3		29.8	
November				
December				
January				
February				
March				
April				
May				
June				

There are no comparisons available as the previous contract for green waste, construction and demolition materials was paid on a monthly lump sum for the management of the facilities and not on a per tonne basis.

8.7.4 Refuse and Recycling Kerbside 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	
	2009/10	2010/11	2009/10	2010/11	2009/10	2010/11	2009/10	2010/11
July	153.72	174.07	8.36	7.7	162.08	181.77	103.30	113.06
August	147.82	154.64	6.70	7.58	154.52	162.22	107.30	122.52
September	150.10	156.32	7.04	6.78	157.14	163.10	108.40	128.40
October	147.37	140.48	6.46	7.38	153.83	147.86	118.89	124.16
November	154.36		4.66		159.02		123.02	
December	172.34		8.56		180.90		156.60	
January	155.74		9.64		165.38		114.82	
February	153.06		9.90		162.96		121.66	
March	170.96		7.02		177.98		128.36	
April	160.82		9.72		170.54		121.02	
May	163.16		8.08		171.24		108.62	
June	156.06		7.12		163.18		115.56	

Mastagard have been working closely with the Kerbside Collection contractor to educate staff and the public regarding acceptable items for recycling. The residual waste % in the kerbside sorted recyclable materials for October was 6%. The industry standard is between 1.6 – 2.2%. Mastagard will continue to monitor and provide assistance where required. Two recycling buses have been repainted in white and green colours and as a result look cleaner, tidier and more professional.

8.7.5 Waste Minimisation

Tonnes of Recyclable Materials Processed	2009/10- tonnes	2010/11- tonnes
July	381.3	340.6
August	355.8	486.8
September	352.3	735.0
October	390.6	400.33
November	410.8	
December	428.9	
January	426.7	
February	323.3	
March	367.0	
April	445.4	
May	393.5	
June	372.5	

Recycling materials transported off site are shown on the attachment.

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8.7.6 General recycling management update

- E-day resulted in the drop off 270kgs of computer equipment that has since been passed on to Metalcorp in Christchurch for dismantling.
- A total of 22.12 tonnes of material was received from Hinds, Willowby, Mayfield and Methven Satellite Recyclable Materials Drop Off facilities

Only items that currently have a market for re-sale will be accepted at the Ashburton Resource Recovery Park. Development of the proposed outside area for the reuse facility is scheduled to commence now that the remaining building owned by the previous contractor has been removed from the site.

8.7.7 Domestic hazardous waste drop off at Ashburton Resource Recovery Park

- No hazardous waste was received in October.

8.7.8 Transport of waste to Kate Valley

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

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8.7.9 Management of Methven residual waste

- **Methven Residual Waste transported to Kate Valley**

Tonnes of residual waste transported to Kate Valley from Methven	2009/10	2010/11
July	13.22	12.78
August	15.54	16.06
September	12.20	12.76
October	12.40	14.87
November	13.30	
December	12.52	
January	12.96	

February	13.30	
March	15.19	
April	12.95	
May	15.04	
June	12.28	

Quantities of refuse continue to remain relatively level and stable.

8.7.10 Methven Recycling Drop Off and Satellite Drop Off Facility

Plastic recycling is now available at Methven and has been well supported. Commercial business now need to be encouraged to use the larger facility rather than the CBD recycling station which is not designed for commercial use.

Methven Greenwaste Facility

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	2009/10	2010/11
July	5	10
August	26	9
September	17	18
October	17	19
November	31	
December	25	
January	37	
February	20	
March	21	
April	20	
May	17	
June	20	

8.7.11 Rakaia Resource Recovery Park

This contract is operating satisfactorily.

Tonnes of residual waste transported to Kate Valley	2009/10 tonnes	2010/11 tonnes
July	11.18	19.66
August	21.32	8.18
September	14.86	18.74
October	11.86	
November	21.82	
December	13.04	
January	21.02	
February	9.46	
March	16.86	
April	8.38	
May	19.90	
June	8.73	

8.8 EMERGENCY MANAGEMENT

8.8.1 Fire Season Status

An open fire season is in place across the district other than State land which has a 365 day restricted fire season.

8.8.2 Fire Incidents

Twelve incidents have been attended by rural fire forces from the time of the last Committee meeting and up to 25 November 2010, with a breakdown as follows:

Vegetation	9
Vehicle	3

Of note with the above fires is that three ignitions were from fireworks, three vegetation and one car fire were suspicious in so far as there was no obvious cause, and a further ignition was caused by a lightning strike.

A meeting between local Police, NZFS and ADC was held 26 October to identify local strategies to address the ongoing problem of deliberately lit fires.

8.8.3 Ashburton District High Country Strategic/Tactical Fire Planning

This is still ongoing with the PRFO and a DOC officer from Geraldine conducting further visits to run holders in the Rakaia Gorge. The preliminary field work relating to this project is now finished and final completion of the plan is still on track for Dec 2010.

8.8.4 Training

25 volunteers attended an evening session on 8 November covering safety aspects of working around electricity and hazardous substances in an emergency environment. The course included presentations from Electricity Ashburton and the NZ Fire Service.

Twenty one Chief and Deputy Chief Fire Force Controllers and warranted Rural Fire Officers attended the annual refresher course on situational awareness. The evening involved a theory presentation followed by in the field evaluation of different scenarios to identify hazards, risks and mitigation measures to address these.

8.8.5 FRFANZ National/Regional Rural Firefighter (Wajax) Competition

This event was hosted in Ashburton on Saturday 20 November and an organising committee of ADC volunteer firefighters and the Deputy PRFO coordinated the day. A record number of entries was received (28) from as far afield as Auckland and Rotorua and the organisers and helpers were kept busy during the day to ensure all the activities were completed.

Two significant observations made during the day by both competitors and Forest and Rural Fires Association of NZ Committee members were the implementation for the first time at the event of a policy on health and safety, including recording of accidents and near misses, and the excellent working relationship in Ashburton District between the NZ Fire Service volunteers and Rural Fire.

8.8.6 District Rural Fire AGM / National Rural Fire Officer Visit – Enlarged Rural Fire Districts

The NRFO again visited Ashburton District RFA on 26 October, this time to address the AGM on the Fire Service Commissions initiative to promote the establishment of enlarged rural fire districts. This concept involves the merger of smaller rural fire authorities into enlarged rural fire districts across the country for the purpose of efficiencies of scale relating to management and coordination.

8.8.7 Fire Debrief

On 5 November, the PRFO chaired a debrief on behalf of DoC for a fire that occurred in the Rakaia Riverbed adjacent to Rakaia township on 8 October and burnt several hectares of scrubland.

Debriefs are required by the NRFA to meet national standards set by them, and to identify issues and lessons learned so they can be addressed to ensure more effective response to fires in the future.

8.8.8 CDEM Presentations

The EMO has delivered the following presentations since the last Operations Committee meeting.

Date	Subject	Group	Number of people
1.11.2010	Get Ready, Get Through	Business Association	10
8.11.2010	Get Ready, Get Through	Age Concern	20
8.11.2010	Emergency Management	ALT H&S reps	7

8.8.9 South Island Emergency Management Officers Conference

The EMO attended this conference in Dunedin from 9-11 November with a theme of 'Exploring Emergency Management Operations Centre Functions.

8.8.10 CEDM Sector Post Review

This is the subject of a standalone report.

8.9 ROAD SAFETY

8.9.1 Ashburton A & P Show

The Ashburton A&P show was attended by the Canterbury Regional Road Safety Coordinator and the Ashburton District Road Safety Coordinator on the 29 and 30 of October. The theme for this year's A & P Show was Distraction. A competition was held where people had to read the information on distraction and fill in the missing words for four questions. Resources were also handed out with the message "keep your eyes on the road". There was also a co-ordination game to play while reading (illustrating that you can't do two things at once when you're concentrating on driving). 666 entries were received for Friday and Saturday. Evaluations are underway for both the A & P shows to see how effective the information given is.

8.9.2 World Day of Remembrance for Road Traffic Victims

Ashburton's first ceremony commemorating the World Day of Remembrance for Road Traffic Victims was held on 22 of November 2010. A tree was planted on the railway reserve across from the Council building to commemorate the day and a memorial plaque will be placed in tribute. The Mayor officiated over the event and the Hakatere Marae Komiti performed a Karakia. Awareness ribbons for the World Day of Remembrance were handed out prior to and at the event. Everyone was invited to attend morning tea at the Council after the ceremony. This was the only ceremony commemorating the day in New Zealand. The Road Safety Coordinator was contacted by the AA and SafeKids prior to the ceremony to ask for photos and media relating to the ceremony held in Ashburton. Both organizations also stated that they will get involved in doing more to observe the day next year and offered their congratulations on doing something to commemorate the day.

8.9.3 Speed

An invitation to enter the new Road Safety Calendar competition has been sent out to all primary schools in the district. The calendar has the theme “speed” and the students have been given twelve speed related tips and rules to create a picture for the calendar. The competition has been split into age groups and 4 pictures will be chosen from each group. These will appear in the calendar for 2011 and each winning artist will receive a calendar and a \$40 book voucher. The calendar year will begin at the start of the school term to give the students time to create their designs. The cut off for designs is 17 January 2011.

8.9.4 Plunket

The Road Safety Coordinator attended a Plunket child seat clinic held at Aubrey Mason in Tinwald. The first visit to the play centre is to interact with the children and get them to understand why they need to be in a car seat. Then return to educate the parents, usually with Police. The hope is to make these a regular occurrence in the Ashburton District.

8.10 CONTRACTS AWARDED

NO.	CONTRACT	CONTRACTOR	DATE / VALUE \$	NO. OF TENDERS / RANGE	ENGINEER'S ESTIMATE
C568	New and Replacement Kerb & Channel 2010 – 2011	Ashburton Contracting Limited	16/11/2010 \$461,496.68	3 \$461,496 to \$698,939	\$522,500
WW-AG11	Removal of Standing Grass at Ocean Farm – Terrace Road, Ashburton	Agfeed Supplies Limited	1/10/2010 0.12cents/kg DM	N/A	N/A
WW-AG12	Removal of Standing Grass at Rakaia Wastewater Treatment Plant – Acton Road, Rakaia	Browns Farm Limited	15/11/2010 0.15cents/kg DM	N/A	N/A

8.11 CUSTOMER SERVICE REQUEST REPORTS

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

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R ROUSE
Operations Manager

Recycling Materials Transported Off-site

October 2010

Previous Year	Cardbd (tonne)	Paper/ Magazines (tonne)	Metal cans (tonne)	Alum cans (tonne)	Batt (tonne)	Scrap metals (tonne)	Plastic All (tonne)	Glass (tonne)	Recoverable/ Reusable (tonne)	TOTAL	Waste Oil (litres)
2005/06	544.61	848.90	77.25	13.01	7.28	28.25	128.48	490.32	482.37	2,620	6,691
2006/07	627.07	885.15	53.04	11.60	10.56	80.16	160.07	648.65	679.59	3,155	8,160
2007/08	680.43	988.92	63.44	11.60	10.00	179.30	297.85	817.06	923.10	3,971	7,700
2008/09	718.76	1,016.40	58.60	12.24	8.97	216.34	309.10	967.86	941.32	4,249	8,100
2009/10	1,168.74	880.39	52.17	12.96	6.19	293.42	215.19	1,097.73	1,007.52	4,734	10,200
Current year	2010/11										
July 2010	98.80	68.34	7.78	.61	-	22.68	7.36	45.58	66.90	340.60	-
August	127.84	67.70	2.61	.54	-	22.02	11.82	173.70	66.39	486.78	-
September	153.77	121.09	13.20	1.79	-	43.24	19.81	207.94	135.62	735.03	-
October	32.11	106.05	**	**	-	-	46.05	96.92	119.20	400.33	1,400
November											
December											
January 2011											
February											
March											
April											
May											
June											
Total to Date	380.41	257.13	23.60	2.94	-	87.94	38.98	427.22	268.91	1,562.41	-

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

****** Co-mingled paper/magazines/metal and aluminium cans are reported as one total for October due to delays in the arrival of Masterguards product baler.

