



Ashburton District Council

AGENDA

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

Date: Thursday 23 July 2009

Time: 1.30 pm

Venue: Council Chamber
5 Baring Square West
Ashburton

B LESTER
Chief Executive

MEMBERS:

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

AGENDA

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16 July 2009

ASHBURTON DISTRICT COUNCIL REPORT

FILE NO: 0805-06-01
DATE: 23 July 2009
REPORT TO: Operations Committee
FROM: Operations Manager
SUBJECT: Implementation of Tradewaste Bylaw

5. IMPLEMENTATION OF THE TRADEWASTE BYLAW UPDATE

5.1 SUMMARY

The Council adopted the Tradewaste Bylaw which came into effect on 1 January 2009. The purpose of this report is to update the Operations Committee on the implementation of the bylaw.

5.2 RECOMMENDATION

“That the report be received”

5.3 BACKGROUND

A Tradewaste Bylaw was developed in conjunction with the upgrading of the Ashburton wastewater treatment and disposal system. The development of the bylaw was carried out in accordance with the Local Government Act and was considered by Council through the “wider” district bylaw development process and adopted in June 2008.

In addition to the above process, further consultation was carried out during the bylaw development process with some, but not all activities that require a consent.

Set out below is a summary of the main points relating to the bylaw and the bylaw implementation to date:

- The bylaw covers all discharges that are not domestic in origin
- The bylaw is intended to:
 - set standards of discharge that will protect wastewater infrastructure, treatment processes and ensure as far as possible discharge consent compliance is not compromised
 - assist in the monitoring of discharges
 - increase awareness of a potential risk to wastewater systems
 - establish a sound framework and regulatory environment for the connection of future non domestic discharges to the public wastewater system
- It is important we understand and monitor what is entering our wastewater system
- There are three categories of discharge consent:
 - Permitted – these make up the majority of discharge consents where there are no volume or quality issues.
 - Conditional – there are a small number of activities that require a conditional discharge consent. Conditional discharge consents are required where there is volume or effluent quality issues.

- Prohibited – the discharge will not be accepted. We currently have not identified any discharges in this category.
- The fees for tradewaste consents are as follows:
 - Registration fee \$112.50 including GST. This is a one off application fee to cover processing costs and the establishment of the tradewaste discharge data base.
 - Permitted discharge, annual fees \$170 including GST. This covers the annual monitoring and administration costs for this category of discharge consent.
 - Conditional discharge, annual fee \$280 including GST. This covers the annual monitoring and administration costs for this category of discharge consent.
- The fees payable for the 2008/09 financial year are \$85 for permitted and \$140 for conditional based on six months from 1st January to 30 June 2009.
- There are also charges payable for excess volume and BOD (contaminants).
- Excess volume charges are not applied if pan charges are paid.
- A tradewaste discharge consent and consent fees are required:
 - if the discharge is not domestic in origin and the business/activity is assessed as requiring a consent.
 - pan charges are currently being paid (quantity being discharged is high).
 - if there is risk of contaminants entering the wastewater system that may be stored on site.
 - the high volume of the discharge and pan charges are not paid.
 - there are effluent quality issues.
- The annual tradewaste discharge consent fee is required for the ongoing monitoring of a consented discharge, site visit and administration of the tradewaste discharge data base.
- 376 businesses/industries/activities have been identified as requiring a discharge consent
- 340 have been identified as permitted
- 36 have been identified as conditional
- A review process has been established to provide an opportunity for a business or activity to request that their requirement for a discharge consent be reconsidered.

This review will allow, if appropriate:

 - the removal of the need for a discharge consent
 - a change in the category of discharge consent
- The review process is outlined below:
 - written request for review
 - review acknowledged
 - review of documentation submitted as part of the application process
 - site visit carried out
 - memo report prepared including a recommendation by the Tradewaste Officer
 - memo report reviewed by the Operations Manager and recommendation approved or further work requested
 - memo report and recommendation forwarded to the Chief Executive for approval or referred back for further work

- Site inspections have identified the following at some sites:
 - Swimming pools and spa pools onsite and concerns regarding their emptying and disposal of any backwash water etc.
 - Concerns around grease traps not being in place at some catering/restaurant premises and their ongoing maintenance and cleaning.
 - Chemicals stored on site
 - The disposal of vehicle washdown water
- As at Thursday 16 July the following summarises the reviews carried out to date:
 - 35 requests for a review have been received
 - 5 reviews have resulted in the removal of the need for a discharge consent
 - 19 reviews have resulted in no change from the original assessment
 - 11 reviews are currently being processed
- 371 invoices have been sent to business/activities requiring a consent.
- \$34,763.56 in payments has been received to date.
- The forecast revenue for tradewaste discharge consent fees is \$75,252.50.

The number of requests for a review of the requirement for a consent is reducing.

The implementation of the Tradewaste Bylaw is progressing as anticipated.

5.4 STATUTORY IMPLICATIONS

Not applicable to this report.

5.5 OPTIONS AND RISKS CONSIDERED

Not applicable to this report.

5.6 STRATEGIC LINKS

Not applicable to this report.

5.7 CONSULTATION

Not applicable to this report.

5.8 FINANCIAL IMPLICATIONS

Not applicable to this report.

Prepared By

R ROUSE
Operations Manager

Approved By

B LESTER
Chief Executive

6. ACTIVITY REPORTS

6.1 GENERAL

6.1.1 Financial Reports

Financial reports to the end of May are attached to this report.

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6.1.2 Roading Activity Expenditure 2008/ 09

The roading activity has been subject to significant fluctuation in costs of work and also areas where extra work has had to be carried out.

A summary of the spending forecast is as follows (rounded to the nearest \$000's)

	<i>Budget</i>	<i>forecast exp</i>	<i>under/over</i>
Maintenance	2,456,000	3,089,000	+633,000
Renewals	5,358,000	4,892,000	-476,000
Totals	7,811,000	7,974,000	+157,000

The total forecast 08/09 unfavourable variance is \$157,000.

Details regarding the over-expenditure are outlined below.

Subsidised road maintenance

Sealed road maintenance work requirements have been much greater this year, especially in the area of road patching due to increased heavy traffic loading on rural roads, especially in areas for pre-seal repairs. Other areas where road maintenance activity significantly exceeded budgets were structures maintenance (bridges), environmental maintenance (ice gritting and snow clearing), traffic services maintenance, (sign repairs and street lighting power charges), and rail crossing warning devices maintenance. Total unfavourable variance is \$633,000

Subsidised road renewals

The reseal contract was reported earlier in the year to Council at tender time at a level of \$529,000 over budget and renewal work in pavement rehabilitation was put on hold to control spending until the outcome of the bitumen cost fluctuation was accurately known. At this stage the forecast unfavourable balance in the reseal area is \$87,000. For the renewal budget the total favourable variance is \$480,000.

Proposed action

The Transport Agency allows us to move the spending in individual activities in these two work categories (maintenance and renewals) in order to cover the ups and downs that occur over whole year.

One item in the maintenance budget is 100% funded by NZTA, this being the rail crossing protection devices. This expenditure is carried out by NZ Rail and we have no control over this. In the 08/9 financial year this activity was overspent by \$48,000 and it is recommended we apply to NZTA for this amount as additional subsidy in 2008/09 budget. This would then leave the unfavourable balance in the rest of the renewal and maintenance area at \$109,000, on which we currently will get no subsidy in 2008/09. The options available to Council are:

- to absorb this overspend in total; or

- apply to NZTA for subsidy (\$51,000), but this would be a draw on the 2009/10 subsidy budget provision.

Overall spending in the 2009/10 account could be managed to cover the early draw down on the 2009/10 subsidy funding.

RECOMMENDATION

“That Council applies for additional subsidy funding in the rail crossing protection devices work category of \$48,000, and for subsidy of \$51,000 on the 2008/09 overspend, to be a first call on the 2009/10 maintenance subsidy budget.”

Improvements

There are variations in the final balances of the various improvement works. We are not able to move funds between projects and therefore need to apply individually per project for additional subsidy, or to release subsidy as appropriate. Final costs on these projects are being determined, and applications for subsidy funding changes are being prepared.

6.1.2 Ashburton Business Estate

- **External wastewater**

Significant progress is being made on the wastewater pipeline between the Business Estate and the existing wastewater system in Bridge Street. The project involves approximately 3.16km of pipeline. In excess of 2km has been completed and all work is likely to be completed before the contract completion date of the end of September.

The only variation to the contract is increasing the storage capacity of the detention chamber in Bridge Street. This will be managed within the tendered sum.

- **Design of services inside the Business Estate footprint**

Work on the design of services inside the Business Estate footprint is near completion. Some changes were required as a result of the design review. There are no overall programming issues.

- **Registration of interest for construction of services inside the Business Estate footprint**

A registration of interest approach to tendering is being taken for the physical works to be constructed inside the business estate footprint.

The process is summarised below –

- Registrations of interest received
 - Documents evaluated
 - Shortlist of up to 7 tenders identified to price the work
 - Tenders received and methodology evaluated
 - The lowest price conforming tender will be recommended for acceptance (formal acceptance may require an extraordinary meeting of Council).
- **Works Road realignment**
Details relating to land access / sale and purchase agreement are being finalised.

- **Subdivision consent application**

The subdivision consent application for Stage 1 of the development has been lodged and is being processed.

- **Site clearance**

Site clearance is well underway.

6.1.3 Trade Waste Bylaw Implementation

The implementation of the Trade Waste Bylaw is the subject of a stand alone report.

6.1.4 Replacement Stockwater Ranger

Mr Kevin Birchler has been appointed to the position of Senior Water Ranger. Mr Birchler will be commencing work on Monday 3 August.

6.1.5 Public Forum – Wills Street parking

A presentation was made to Council’s public forum on 30 June by the Regent Cinema proprietors who have expressed concern at the change in parking status on Wills Street. The issues raised relating to parking, street lighting on Wills Street and kerb and channel on Cass Street will be referred to the Town Centre Subcommittee.

6.2 ROADING

6.2.1 State Highway work 2008/ 09

We have received draft plans for planned overlay work on the state highways as follows:

- SH 77, east of Winchmore Dromore Road for 920 metres. This will also include an upgrade of the intersection of Winchmore Dromore Road and Winchmore School Road at the same time. Work on the local roads will be funded by Council, as part of the minor improvements budget. There is some land purchase requirements being finalised with a local land owner as part of this work. The highway and local road works will be run in a single contract.
- SH 77, East of Olivers Road intersection for a distance of 920 metres.
- SH 1, at the Winchmore Dromore Road intersection for a length of 670 metres.

6.2.2 2009/10 work programme funding: interim funding approvals

Because there is no National Land Transport Programme after 30 June 2009, until the adoption of this after 30 August 2009, the NZTA Board has approved interim funding to enable approved organisations (AO’s) to continue to operate their networks. The interim approval is approximately 20% of the 2008/09 allocation for maintenance and renewals and minor works. It should be noted that there is no direct relationship between the level of interim funding approved for each AO and the likely level of funding for them in the final NLTP.

The sums approved for Ashburton District are:

	<i>Subsidy</i>	<i>Total cost</i>
• Maintenance and operation of local roads	\$ 233,952	\$ 497,770

• Renewal of local roads	\$ 504,030	\$1,072,404
• Improvements to local roads	\$ 25,333	\$ 44,444
• Minor improvements	\$ 71,037	\$ 124,626

This allocation has been made to cover key expenses only and allow core programmes to continue for the two months before the NLTP is published. This level of funding will be satisfactory for Council for July and August.

6.2.3 Final Canterbury Regional Land Transport Programme 2009-19

The final Regional Land Transport Programme (RLTP) as finalised by the Regional Transport Committee has been approved by Environment Canterbury, and has been forwarded to the NZ Transport Agency for adoption into the National Land Transport Programme (NLTP). The RLTP includes all of Ashburton District Council’s proposed maintenance, operation, renewal, improvements and road studies, in detail for the years 2009/10 to 2011/12, and in summary for the rest of the years through to 2018/19. The RLTP programme for Ashburton is in line with the LTCCP as approved by Council, and a summary of the work planned for the next three years is attached.

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The programme is yet to be incorporated into the NLTP, and there may yet be changes to our programme arising from changes the NZTA make when finalising the NLTP. Note also that improvement (new capital) projects will still be subject to meeting the required economic justifications as set out in the NZTA Planning and Funding Manual.

Items to note in the RLTP for Ashburton are the inclusion of the new rail freight management site at the Ashburton Business Estate (year 1 in 2011/12, year 2 in 2012/13), and Dobson St extension in 2009/10. Also included in the RLTP in the NZTA state highway area is SH 1/Agnes Street intersection with investigation in 2009/10, design in 2010/11 and construction in 2011/12.

Copies of the RLTP will be available on the ECan web sites, or by contacting the Rooding Manager who can provide a copy on request.

6.2.4 Council Submission on “Proposed Land Transport Rule: Vehicle Dimensions and Mass Amendment [(No 2) 2009]

This proposed amendment rule will amend *Land Transport Rule: Vehicle Dimensions and Mass 2002* (the Vehicle Dimensions and Mass Rule), which specifies the requirements for dimension and mass limits for vehicles operating on New Zealand roads. The rule sets in place a regulatory regime so that vehicles, in particular heavy truck and trailer combinations, are operated safely.

Three changes to the Vehicle Dimensions and Mass Rule are proposed.

- Proposal 1: To increase the maximum mass and certain dimension limits for vehicles operating up to 44 tonnes without the need of a permit
- Proposal 2: To allow road controlling authorities (RCA’s) to issue permits (ie “high productivity motor vehicle” permits) for standard size vehicles to operate above 44 tonnes and up to 53 tonnes on specified routes that have been assessed by the RCA’s, with conditions of operation specified in the permits.
- Proposal 3: To allow the NZ Transport Agency to issue high productivity motor vehicle permits for increased overall vehicle length and associated dimensions for vehicles to operate above or below 53 tonnes gross mass on specified routes assessed by the NZTA, with conditions of operations specified on the permit.

Closing date for submissions is 24 July 2009. The Canterbury Transport Officers Group is meeting on Monday and will be discussing this issue, with the intention of having common ground for submissions from the Canterbury councils.

The submission will be tabled and presented for discussion at the meeting and for adoption by the Committee.

RECOMMENDATION

“That the submission on proposed changes to the Land Transport Rule: Vehicle Dimension and Mass Amendment [(No. 2) 2009] be approved.”

6.2.5 Crash Reports

A record of other crashes that have occurred in Ashburton district on state highways and local roads since last report is appended. **Pages 43-44**

6.2.6 General Maintenance

As a consequence of the significant rainfall experienced in May, a large proportion of the unsealed roading network is exhibiting numerous widespread surface failures as a result of the saturated pavements and surface flooding. Significant quantities of maintenance metal have been spread on Hakatere Potts and Hakatere Heron Roads following restoration of areas washed out during May, and isolated areas have been treated elsewhere as funding allows. With the commencement of the new financial year more maintenance metalling can be carried out.

Recent heavy frosts have resulted in a large increase in the amount of ice gritting. Snow lying well down in the foothills, generally settled weather with occasional rain showers and saturated pavements mean that there will continue to be heavy frosts for the foreseeable future.

In addition to the gritting, snow clearing was carried out on 29/30 June on several roads west of Methven following an overnight snowfall. This snow rapidly froze and caused problems as traffic packed it down to a layer of ice. No serious accidents were reported but there were numerous calls for additional gritting which saw the grit trucks busy for most of the day.

6.2.7 Area Wide Pavement Treatment

Contract C555 – Sealed Road Rehabilitation, 2008/09. Work has been completed on the Ashburton Staveley Road sections of the contract and the pavement construction is complete on Tinwald Westerfield Mayfield Road with sealing due to be carried out once weather conditions allow. The rehabilitation of the section of Ealing Road between SH 1 and Old Main South Road is due to commence this week. This work will be completed by 31 August.

The scope of work in this category has had to be significantly reduced in 2008/09 to control overall spending close to budget, mainly due to increased road maintenance costs and resealing costs.

6.2.8 Major Drainage Control

Contract C547 – Roadside Drainage Improvements, 2008/09. All work is complete.

Contract C552 – New and Replacement Kerb and Channel, 2008/09. All work is complete.

Upgrade work has been carried out at the Pages Road/Queens Drive intersection to help remove the build up of stormwater at this site. This work will improve the rate at which the street stormwater is removed from the surface into the stormwater pipe.

Repairs have been carried out to the stormwater pipe across the Oak Grove/Walnut Avenue intersection that caused the wet channel to overflow in this area.

6.2.9 Reseals of District Roads

Contract C550 – Reseals and Pre-seal Repairs, 2008/09. All work is complete.

Work is well underway on the scheduling of work to be carried out in 2009/10. Once finalised a copy will be forwarded to all Councillors.

6.2.10 Bridges

The upgrading of Bridge No 65A on Ocean View Road between Brogdens Road and Crows Road is being undertaken by Waddell Construction Ltd. The refurbishment work involved the strengthening of the substructure with new steel beams to replace deteriorated timber elements and upgrading the fixing onto the pier caps. The fabrication work for the steel beams is complete, and in situ construction work will commence next month.

6.2.11 Street Cleaning

Routine cleaning of urban streets, channels, sumps and siphons continues as programmed with the additional seasonal cleaning of the autumn leaf fall now complete. The contractor reports weekly on the areas that are cleaned, and sumps that are cleared.

6.2.12 Traffic Services

Routine maintenance of road signs and traffic services continues throughout the district with the replacement of some faded regulatory signs. There also continues to be requests for new warning signs for such things as children waiting for school buses, school bus route signs, signs indicating directions to small communities or amenities and even official signage directing motorists to commercial enterprises, etc.

Contract C419 – Maintenance of Road Markings and Reflective Raised Markers is now complete and a new contract is currently being prepared. The previous contract ran from July 2004 and was held by Spray Marks Roadmarking Ltd. The existing contract has been extended by two months to 31 August to help spread the work of tendering and awarding contracts away from the end of the financial year.

6.2.13 Carriageway Lighting

Maintenance of the district's street lights continues to be carried out by Electricity Ashburton. This work covers regular and routine inspections and checks, lamp maintenance and replacement requests. No significant issues have been reported since the previous report.

Design of renewal work for streetlights in Hinds is underway.

6.2.14 Minor Improvements

Minor Improvements completed this year are:

- Stranges Road/Grahams Road Intersection
- Wakanui School Road parking/short stopping area

- Intersection approach sealing; Windemere Road at SH 1; Chatmos Road at SH 1; Rakaia Terrace at SH 1; Winslow Westerfield Road at Frasers Road and Ashburton River Road at Springfield Road West.
- Allens Rd/Middle Road splitter islands
- Walnut Avenue kerb protrusions and pedestrian refuge at Ashburton College entrance (to be completed in 2009/10)
- Arundel Rakaia Gorge Road/ Lismore Mayfield Road/Mayfield Klondyke Road intersection upgrade with pedestrian protrusions outside Mayfield School on Lismore Mayfield Road.
- Methven Chertsey / Line Road upgrade and drainage improvements (to be completed in 2009/10)
- Traffic calming road marking, Elizabeth Avenue, Rakaia
- Traffic calming road marking and flush median, Elizabeth Avenue, Rakaia
- Street light upgrade & new with undergrounding: Tuarangi Road, Nelson Street, Oxford Street and Buccleugh Street (Mt Somers)
- Intersection designs for 2009/10 work.

A proposed schedule of work to be funded from the minor improvements budget for 2009/10 is attached, for approval by the Committee.

Pages 45-46

We are now able to fund projects up to the value of \$250,000 from this activity. Projects can be removed or added at any time by the Committee.

RECOMMENDATION

“That the proposed scope of work for the minor improvements, as attached, be approved.”

6.2.15 Seal Widening

Seal widening work on the section of Bremners Road between Malcolm McDowell Avenue and Glassworks Road is complete except for some localised kerb and channel and access improvements are still to be completed at one property. The kerb and channel will be carried out in 2009/10, and is required to control stormwater in the area, and will be funded from the associated improvements budget.

Seal widening of Northpark Road from the new intersection to the railway crossing has also been completed. This widening allows for right turning bays into the CMP cool store and into the Rural Transport Yard currently under construction.

Work has commenced on the widening of Company Road from Seafeld Road to just short of the new entrance to the Ashburton Business Estate. This work has started, but has been delayed by the installation of the new sewer main from the Estate.

6.2.16 New Kerb & Channel and Footpaths

Contract C552 – New and replacement kerb and channel, and footpaths, Ashburton District, 2008/09. All work in this contract is complete, and is currently under the maintenance provisions of the contract.

The scope for the new contract for 2009/10 is being developed to get designs for the work as set out in the LTCCP underway.

6.2.17 Footpath Resurfacing 2009/10

The three year schedule for footpath resurfacing for 2009/12 is being prepared. Once the draft schedule is complete, this will be forwarded to all Councillors for their comments. It is also intended to include this schedule in the August edition of the District Diary.

6.2.18 Footpath Maintenance

Ongoing routine maintenance and cleaning of the urban footpaths continues. This includes cleaning in CBD areas in line with required frequency

Contract C551 – Footpath Resurfacing, 2008/09. All work is complete.

6.2.19 Minor Township Maintenance Contracts

Normal seasonal operations are underway for the Rakaia and Methven contracts. Some additional footpath cleaning will be required in Methven over winter to keep the ice grit on the main streets from building up on the footpaths.

6.2.20 Public Conveniences

Ongoing maintenance of the district's public conveniences continues.

The recent upgrade work on the Methven and Rakaia toilets is complete and is receiving a very positive reception, although there has already been graffiti sprayed on the newly tiled walls of the Methven block. This has been successfully removed, although it seems we will need to treat these facilities with anti-graffiti coatings which to make removal of offensive material more straightforward.

6.3 WATER SUPPLIES

6.3.1 General

The schemes are operating satisfactorily.

6.3.2 DWSNZ Compliance

The Government has announced that the Drinking Water Standard for New Zealand (DWSNZ) compliance deadlines under the Health Act, as amended last year, have been extended by three years. This Council is well positioned with its current programmes to comply with the DWSNZ by the originally set deadlines but the extended timeframes will allow flexibility to further stage upgrading works on supplies where affordability is considered an issue.

6.3.3 Ashburton

Ashburton Upgrade - Tinwald Borefield

A draft report on options to progress the Tinwald Borefield project has been reviewed by staff. Some additional information has been identified for inclusion in the report. It is now to be updated and will be forwarded to the water subcommittee when finalised.

Ashburton Upgrade – Ashburton Domain No:6

The bore drilling has commenced with the 300mm diameter casing being advanced to 72m. This was as deep as the drilling could progress with the rotary rig. Drilling will continue as soon as the cable tool rig can be brought to the site. The target aquifer is expected to be intercepted at 90 – 100m deep.

Ashburton Upgrade – Deregistration / Retirement of Shallow Bores

The three remaining shallow bores (N^os 1, 3 & 4) in the Domain have been formally deregistered from the Ashburton scheme. This was completed toward the end of June. The driver for deregistration was compliance with the DWSNZ, for which the original deadline was 1 July 2009. The effect on the water supply grading from this action is immediate with the grading moving from an “Eb” to a “Bb”. (Refer table below for definitions).

	Source & Treatment Plant Grading		Distribution System Grading
A1	Completely satisfactory. Negligible level of risk. Demonstrably high quality.		
A	Completely satisfactory. Very low level of risk.	a	Completely satisfactory. Negligible level of risk. Demonstrably high quality.
B	Satisfactory. Low level of risk.	b	Satisfactory. Low level of risk.
C	Marginal. Moderate level of risk, may be acceptable for small communities	c	Marginal. Moderate level of risk, may be acceptable for small communities
D	Unsatisfactory. High level of risk.	d	Unsatisfactory. High level of risk.
E	Completely unsatisfactory. Very high level of risk.	e	Completely unsatisfactory. Very high level of risk.
U	Ungraded.		

Physically at this point, the bores have been only partially decommissioned so that they can be brought back into service (within 2-3 hours) should the need arise. Once the new deep bore (Domain No:6) has been drilled and commissioned, a decision on the future of the shallow bores can be finalised (eg 1,2 or all 3 could be transferred to the Parks Department for use as irrigation bores).

Contractor Bulk Filling Points

Installation of the bulk filling points has progressed well, but final completion will be delayed due to material supply. The contractor is awaiting the supply of keyed switches for the cabinets. The units cannot be commissioned without the switches which are due in the next few weeks.

Archibald Street Watermain Renewal

This project involves the replacement of a watermain in Archibald Street from Carters Terrace to Manchester Street. The work has been included in the 2009/10 programme to coordinate the renewal ahead of New Zealand Transport Agency work on the highway through Tinwald. The watermain replacement was awarded to Ashburton Contracting Limited as a variation to Contract AM-AH10 Water Pipeline Renewals 2008/09.

A satisfactory price has been negotiated with the contractor for this work. A tender acceptance report is being prepared and the price can be accepted under staff delegated authority. Work is expected to commence as soon as the contractor has completed the Mount Somers Trunkmain project.

6.3.4 Fairton

Water Supply Upgrade

The well drillers commenced drilling on 16 April 2009. The bore has been drilled to 96 metres where the target aquifer has been found. A constant rate discharge test has been completed. The results of this testing are still being analysed.

The finalisation of the consultation material has been delayed. It was intended that the upgrade information (including the new bore test results) would be distributed to the community in June.

6.3.5 Mayfield

Water Supply Upgrade

The pilot trial has been operational since mid-April. The filtration plant is operating very well considering the highly variable quality of the source water. The following observations have been made during the trial to date:-

- Raw water turbidity rises dramatically (over 1000 NTU) when the flow in the South Ashburton exceeds ~10 cumecs;
- The plant has consistently produced treated water of less than 0.02 NTU during such events;
- The plant backwash cycles have been able to cope with the high silt loads during these events without adversely affecting the output of the plant;
- No issues with the integrity of the membranes have been found to date.

The long term effect of the high silt loads on the integrity of the membranes themselves will be estimated as part of the study being carried out by the University of Canterbury.

The trial is receiving a lot of interest from Community and Public Health, and other authorities and consultants. ADC and contractor staff have attended a field trip to the plant where the membrane technology process was explained in detail by Filtec.

6.3.6 Methven Springfield

Restrictor Replacements

An audit of water restrictors on the Methven Springfield water supply commenced in early March 2009, and the majority of work required has been completed at 30 June 2009. Of the 76 restrictors on the scheme, 27 were found to be absent, tampered with or by-passed. As the restrictors were inspected and/or replaced, a tamper proof seal was installed which will assist in identification of any future tampering. Replacement of these restrictors has seen a significant reduction in water consumption from 1284 m³/day in May to 889m³/day in July.

Physical works outstanding involve locating and auditing of 4 restrictors which may include tracking the connection from the tank back to the main.

Compilation of the supporting information is nearly complete, from which invoices will be generated to recover costs from the offending property owners.

6.3.7 Mt Somers water supply upgrade

Fencing around the upgraded reservoir has been completed. A chlorine analyser and turbidity meter have been installed and configured to the telemetry system.

At its last meeting, the Operations Committee approved the construction of the new trunkmain from the reservoir to the township as a 150mm PVC-U pipeline. The work was awarded to Ashburton Contracting Limited as a variation to Contract AM-AH10 Water Pipeline Renewals 2008/09 in the amount of \$144,359.50 exclusive GST.

Work commenced on the trunkmain on 29 June in Ashburton Gorge Road outside the treatment plant toward the Township. Approximately 450 metres has been constructed to date. Some excavated material from the trench has proven to be unsuitable for reuse as backfill, so imported backfill has had to be used for a short section.

6.3.8 Rakaia water supply upgrade

The contractor has cleared the reservoir site. Two areas of unfavourable ground have been excavated, backfilled and re-compacted. The contractor has completed the construction of the rising main but unfortunately it is at an incorrect alignment and height. The contractor has been advised of the need to relay the pipework. The position of the rising main is critical to provide separation from the falling main. The length involved is approximately 65 metres. The slab for the new generator has been constructed.

The old generator has been removed from site and the pit has been filled with concrete. In the event of a power outage while the upgrade works is continuing, a mobile generator will need to be brought in from the Rakaia waste water treatment plant. In this event, there will be a short loss of service until the temporary genset can be put in place. The Rakaia Fire Brigade have been advised of the level of service constraints.

6.4 WASTEWATER

6.4.1 General

The schemes are operating satisfactorily.

6.4.2 Ashburton

Ashburton WWTP Facilities

An extension to the lapsing date of the irrigation consent has been approved. This allows time to consider options for the exercise of this consent.

A report on the wetlands and plant die-off that occurred after construction is expected next week. The report will determine a way forward to ensure it does not reoccur when the cells are replanted. It will also explore any liability issues relating to the original contract works.

6.4.3 Methven

Pipeline Failure

While undertaking routine clearing of a sewer blockage in a sewermain in the rear of Main Street properties last month, the maintenance contractor has identified a number of pipe collapses in the main. The blockages appear to have resulted from material entering the sewer at the failure sites. Given the severity of the failures, the work programmes are being reconsidered with a view to bringing forward the failed section to the 2009/10 year. The failed section of sewer is part of a longer section currently programmed for replacement in Year 4 (2012/13) of the LTCCP. The sewermain is operational but is being monitored by maintenance staff. The rescheduling will be the subject of a standalone report to a future meeting.

6.4.4 Rakaia

Sludge Disposal

As advised previously, the volumes of sludge being discharged are greater than that allowed for under the current consent. The consultant has been asked to confirm whether the volumes being discharged are reasonable given the plant design. If they are considered reasonable, it may be necessary to seek a variation to the resource consent and identify additional areas for sludge disposal.

Pasture Renewal

The pasture in the northern irrigation block has been cultivated and re-established. The irrigator has been now relocated to northern block. The southern block is programmed for spraying and cultivation in August/September.

6.5 STORMWATER

6.5.1 General

The schemes are operating satisfactorily.

6.5.2 Ashburton Urban Stormwater Strategy

Consultation on the AUSS is underway. A workshop with internal stakeholders and developers is scheduled for 22 July in the Masonic Lodge. Invitations to the workshop were mailed out on 10 July.

6.6 STOCKWATER

6.6.1 Network

A significant flood event occurred in the three main rivers on 17 May. This event has resulted in extensive damage to stockwater intakes on the Rangitata (Cracroft) and Ashburton (Brothers & Methven Auxiliary) rivers. The diversion channel supplying the Acton intake on the Rakaia River was also washed out along with part of the access track. The worst affected was the Cracroft intake where large areas of rock intake protection was lost / compromised.

It was indicated at the previous meeting of Operations that the cost of repairs could be in the order of \$50,000. While not all accounts have been received at this point, the financial impact of the reinstatement work is expected to be closer to \$70,000 - \$80,000. The timing of the event (ie late in the financial year) has limited the opportunity to manage the unforeseen additional expenditure within the existing maintenance budget provisions.

Given the scale of the damage and the requirement to work within the associated resource consent (River Works), advice was sought from Environment Canterbury river engineers. In relation to the work undertaken at the Cracroft intake, subsequent feedback from ECan staff is very positive suggesting that the work was well overdue and if not completed at the scale and standard achieved may have exposed Council to complete loss of the Cracroft Intake infrastructure in a future event.

6.6.2 Stockwater Management

A number of initiatives are to be implemented in the stockwater area in order to improve the level of service to customers. These focus on the day to day running of the area and are to be coordinated with the commencement of the new staff member (Senior Water Ranger). The initiatives have been discussed with the water subcommittee on 9 July.

6.6.3 Race applications / closures

Since 1 July 2008, a total of 56 applications have been received. One application is awaiting further information, one application has been declined, one is pending approval and the remainder have been approved.

Race closure measurement has been undertaken using measurements derived from the Council's GIS and indicates completed closures at around 115,800 metres.

6.7 SOLID WASTE

6.7.1 Residual waste management at Ashburton resource recovery park

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

Tonnes of Materials Recovered from the Residual Waste Disposal Area 2008/09			
July	3.78	August	4.24
September	5.34	October	6.94
November	3.96	December	6.04
January	2.76	February	3.66
March	3.80	April	0.68
May	5.12	June	4.02

This table shows that a total of 50.34 tonnes of recyclable and reusable material was recovered from the residuals pit for the year. This is a saving of \$6,400 to transport and dispose at Kate Valley.

6.7.2 Green waste, construction & demolition waste management at Ashburton resource recovery park 2008/ 2009

Month	Vehicles with green waste	Vehicles with demolition materials	Total vehicles	Green waste shredded m³
July	680	102	782	650.00
August	832	81	913	168.75
September	1262	96	1358	562.50
October	1189	79	1268	438.75
November	1532	94	1626	848.27
December	1452	69	1521	483.50
January	1626	93	1719	549.00
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

The level of site activity typically reduced with the onset of winter. The green waste and demolition waste contract is operating satisfactorily.

6.7.3 Refuse and recycling collection

The tender for the kerbside collection of refuse and recyclables has been awarded to the current contractor, Gary Preston and Son, for at least three year's duration. This contract is operating satisfactorily. The quantities of residual waste and recycling materials collected from kerbside are within normal limits until May. The low volumes in May could be due to the colder winter temperatures. Figures are indicated on the table below:

All Areas in 2008/09	Kerbside - tonnes	Litter Bins - tonnes	Total Residual Waste- tonnes	Recycling - tonnes
July	167.77	7.51	175.17	113.4
August	152.80	8.64	161.44	105.97
September	172.10	5.78	177.88	120.02
October	170.74	7.04	177.78	126.26
November	154.60	4.52	159.12	110.16
December	182.16	8.52	190.68	139.25
January	197.47	11.18	208.65	113.44
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

6.7.4 Waste minimisation

Tonnes of Recyclable Materials Processed	2007/08- tonnes	2008/09- tonnes
July	271.5	298.4
August	288.4	303.7
September	324.1	409.6
October	313.7	351.5
November	371.1	365.9
December	400.4	340.8
January	331.4	420.2
February	357.4	376.4
March	332.3	417.3
April	323.3	315.2
May	362.3	295.1
June	322.4	360.1
Total	3,979.4	4,257.6

There was a reduction in the quantity of recyclables processed in April and May with an increase in June.

During 2007/08 3,979.4 tonnes of recyclable materials were processed and transported off-site. This compares with 4,257.6 tonnes of recyclables processed during the 2008/09 year. This is a 7% increase on the previous year, which is a small increase in recyclables processed. The new baler has a greater capacity and may have contributed to part of the increase.

Recycling materials transported off site are shown on the attachment.

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6.7.5 Domestic hazardous waste drop off at Ashburton resource recovery park

The service is operating well.

6.7.6 Current issues

- Retailers have been advised about the refuse bag price increase that took effect from 1 July 2009. Refuse bags increased in price from \$7.50 for a roll of 5 official bags to \$8.50 including GST.
- Public presentations were delivered to the Ashburton Trading Home Conference and Tinwald Country Women's Institute covering matters like zero waste, home composting and kerbside recycling
- The glass bunker area has been improved and extended with funds received by the contractor from the Glass Packaging Forum.
- The baler has been sold to Xtreme Waste at Raglan and proceeds from the sale in the sum of \$35,000, including GST, have been received by Council.
- All stormwater sumps are inspected weekly and EM (effective micro-organisms) added to improve environmental performance.

6.7.7 Transport of waste to Kate Valley

The trend towards increased residual waste this financial year continued to March but returned to normal levels April to June. For the twelve months to June 2009, 8,837 tonnes of residual waste was transported to Kate Valley. The quantity of residual waste for this financial year is 781 tonnes more than the previous financial year. This is a significant increase of 9.7%. The predominant reason for the increase is due to unsorted construction and demolition quantities being disposed of as residual waste.

Council received a further letter of congratulation from Transwaste on efforts to detect and remove non-compliant waste from refuse sent to Kate Valley

The Diesel fuel surcharge was implemented by Transwaste Canterbury Ltd in August 2008 and ran for three months. This surcharge was not included in the solid waste budget. In August 2008, the total cost for the year was estimated to be \$15,190 excluding GST for eleven months but actual expenditure was \$6,561.

Each year Council receives a cost equalisation payment from Transwaste Canterbury Ltd. The reason for the payment is to ensure that Council is not penalised for the extra distance to transport refuse to Kate Valley. The cost equalisation was budgeted at \$193,128 but is now estimated to be \$252,000. This would be a favourable variance from budget of \$58,872.

Transwaste Canterbury Ltd has set charges for 2009/10 with one change. The transport cost to Kate Valley is reduced \$39.00 per trip. Disposal charges are unchanged at \$77.91 per tonne excluding GST.

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

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6.7.8 Management of waste processing sites

- **Ashburton resource recovery park**

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

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

Tonnes of residual waste transported to Kate Valley From Methven	2007/08- tonnes	2008/09 - tonnes
July	15.62	12.37
August	12.46	12.41
September	12.39	15.11
October	14.75	12.69
November	12.26	11.78
December	15.42	15.51
January	28.59	12.56
February	13.23	13.14
March	15.85	13.39
April	11.79	11.27
May	12.47	11.65
June	14.51	15.54
Total	179.34	157.42

Quantities for April to June are relatively level and stable.

157.42 tonnes of residual waste sent to Kate Valley for Methven in the 2008/09 year compared with 179.34 tonnes for the previous year. This is a decrease of over 12% which may indicate that the Methven community is recycling more.

6.7.9 Methven Recycling Drop Off Improvements

Improvement work is about to commence at the drop off site on Methven Chertsey Road. Past delays have been due to stock water race remediation following flooding, and inclement weather. The site is to be extended, fenced, re-shingled and a replacement shed built.

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	2007/08	2008/09
July	1	12
August	11	8
September	22	13
October	27	36
November	33	34
December	46	29
January	22	56
February	21	19
March	26	26
April	40	24
May	25	13
June	9	8
Total	283	278

Site traffic is relatively low with a larger decline in traffic over the colder months compared with the same period last year. Annual totals are reasonably level for both years.

6.7.10 Collection of unwanted farm chemicals

The final figures are to hand for the 2008/09 year. This was the final targeted area collection year for Ashburton. Following a mail out to over 2,000 properties 5,625 kilograms of agrichemicals were collected. This quantity is not as large as expected but represents 30% of the Canterbury agrichemical take.

In comparison 8,426 kgs were collected in 2007/08, 3,266 in 2006/07 and 2,358 kgs in 2005/06 kgs. Other districts have already completed their unwanted agrichemical collection but Ashburton District finalises this initiative in the current financial year with an open invitation by way of newspaper advertisements. This will be the seventh year the programme has run.

The total cost of collection and disposal in Ashburton District for 2008/09 was \$28,171.96. Of this figure District Council paid \$14,085.98 which is a favourable variance to budget of \$11,914.02. The remainder of the cost is paid by Environment Canterbury.

The collection and disposal of unwanted farm chemicals is another significant step toward keeping people safe and protecting our environment.

6.7.11 Rakaia resource recovery park

This contract is operating satisfactorily.

Tonnes of residual waste transported to Kate Valley from Rakaia	2007/08 - tonnes	2008/09- tonnes
July	20.77	13.12
August	30.80	26.80
September	30.70	13.58
October	22.62	25.68
November	20.72	23.59
December	17.07	26.03
January	12.73	22.60
February	23.14	23.00
March	16.80	11.07
April	20.67	22.56
May	24.38	10.53
June	20.84	21.97
Total	261.24	240.53

240.53 tonnes of residual waste sent to Kate Valley for Rakaia in the 2008/09 year compared with 261.24 tonnes for 2007/08. This is a decrease of 7.9% which may indicate increased awareness of waste minimisation measures.

6.8 EMERGENCY MANAGEMENT

6.8.1 Fire Season Status During The Fire Year

An Open Fire Season is currently in place across the district other than State land

6.8.2 Fire Incidents

Eight incidents have been attended by rural fire parties from the time of the last Committee meeting and up to 15 July 2009, with a breakdown as follows:

Vegetation	1
Vehicle fire	3
Structure	1
False alarm	1
MVA	1
Medical assist	1

6.8.3 H1N1 Influenza Pandemic Planning

The EMO continues to represent CDEM on the local pandemic planning group.

A CBAC has been set up on the hospital grounds and currently approximately 10 – 15 patients are presenting for assessment daily. This has remained relatively consistent for the last two weeks.

CDEM has not been required to date and is maintaining a watching brief.

The Council has adopted a Business Continuity plan from a draft prepared by the EMO, HR Advisor and HR Officer. This document focuses on pandemic planning but will be relevant to other events also.

6.8.4 CDEM Training EOC 2

Approximately 10 ADC staff along with staff from other agencies participated in a 2 day Emergency Operations Centre course delivered by the CDEM Group Training Unit on 15-16 June

6.8.5 Presentations

• Get Ready Get Thru

The EMO delivered three presentations on the Get Ready Get Thru message to Hampstead School pupils on 24 June as part of the schools emergency preparedness programme. Approximately 260 students participated.

• Rural Fire awareness

The EMO and the local NZFS Fire Safety Officer delivered a presentation on fire safety to a forum of approximately 60 agricultural contractors on 29 June.

6.9 ASHBURTON DISTRICT ROAD SAFETY

6.9.1 Ice Scrapers / Windscreen Cloths

Ice scrapers and windscreen cloths were handed out to all the service stations in the Ashburton district with an extra 1000 coming from Timaru. Local media got on board to promote these freebies.

6.9.2 After Ball Driving

Sixteen volunteers drove students home from the Ashburton College after ball party on 19 June. It was a successful night with all the students appreciative of what the volunteers were doing for them. The volunteers worked from 12.30 am until 6.00 am.

6.9.3 Speed/Driver Behaviour

Radio Advertising was placed for speeding “Kill Your Speed, Not a Child” to coincide with the school holidays, and winter driving behaviour.

6.9.4 Slap Band Competition

All the schools within the Ashburton district were given the opportunity to take part in a “Wanna Be Famous” slap band cycle safety slogan competition. The competition involves the students coming up with a cycle safety slogan, in six words or less, with the winner getting their slogan printed on 1000 slap bands. A bicycle helmet donated from a local cycling shop is also being given as first prize. All the entry forms are in and the winner has been chosen. Jacob Gray, a six year old from Netherby School submitted the winning entry “Bright Clothes + Bright Lights = Bright Rider”.

6.9.5 Operation “Cyclops”

In conjunction with the Police, two mornings were spent monitoring cyclists to determine whether they had the correct safety gear. On average, over those two mornings, people were wearing the correct gear. A couple of tickets were issued and those cyclists were informed on the correct way to cycle.

6.9.6 Miscellaneous

The Road Safety Coordinator attended an APTWG seminar, “It’s All in the Mind” Driver Attitude Forum, at Waimakariri District Council, as well as attending the CAT Forum and Road Safety Coordinators meeting.

6.10 CONTRACTS AWARDED

No.	Contract	Contractor	Date / Value \$	N ^o of Tenders / Range \$	Engineer’s Estimate
C560	Lower Beach Road Bridge Strengthening (No 65A)	Waddell Construction (Ashburton) Limited	26/6/2009 \$44,600.00	N/A	\$43,000
C561	The Supply of Services for the Kerbside Collection and Disposal of recyclable materials, refuse bags and litter bin refuse in the Ashburton District 1 July 2009 to 30 June 2012	GJ Preston	16/6/2009 \$956,880.36	4 \$956,880.36 To \$2,681,176.14	\$1,350,708
C562	Company Road Seal Widening 2008/09	Fulton Hogan	16/6/2009 \$212,670.20	2 \$212,670.20 To \$236,974.60	\$269,371
C558	Professional Services for Rooding Asset Management Plan and Valuations 2008/09 – 2009/10	Maunsell Limited	4/12/2008 \$39,684	N/A	\$35,000

6.11 CUSTOMER SERVICE REQUEST REPORTS

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

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6.12 METHVEN COMMUNITY BOARD

A meeting of the Methven Community Board was held on Monday 6 July 2009. There were no matters requiring the Committee's decision.

R ROUSE
Operations Manager

RECYCLING MATERIALS TRANSPORTED OFF-SITE TO THE MONTH OF JUNE 2009 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
Totals from July 08													
Jul 08	57.62	72.54	0	1.23	0	38.236	20.68	0	0	41.04	67.046	2,100	300.4
Aug 08	50.94	90.13	8.68	0.94	1.75	14.70	22.88	0	0	40.76	72.93	0	303.7
Sep 08	52.28	84.14	8.00	1.13	1.00	21.536	48.02	0	0	100.76	92.714	0	409.6
Oct 08	71.42	97.88	7.08	0.59	0	19.391	20.291	0	0	63.42	71.39	0	351.5
Nov 08	73.916	81.2	3.34	1.11	1.18	12.945	69.046	0	0	59.44	61.605	2,100	365.9
Dec 08	57.22	111.34	2.54	0.78	0.695	7.96	12.775	0	0	58.1	89.386	0	340.8
Jan 09	76.08	87.16	0	0.83	0	0	18.57	0	0	136.88	98.154	2,500	420.2
Feb 09	41.96	70.94	10.118	1.68	1.315	19.128	41.66	0	0	114.52	75.119	0	376.4
Mar 09	60.36	82.24	6.616	1.13	0.995	35.007	0	0	0	147.84	83.143	0	417..3
Apr 09	53.12	66.5	2.769	1.17	0	10.111	27.05	0	0	72.14	82.348	1,400	316.6
May 09	54.14	107.58	5.556	0.81	0.94	21.504	18.47	0	0	16.92	69.132	0	295.1
Jun 09	69.70	64.76	3.897	0.845	1.10	15.823	9.56	0.00	0.00	116.04	78.35	0	360.1
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	4,257.59

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

Residual Waste Volumes – Kate Valley

Month	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	708	627	611	616	528	532	502	507
August	752	682	680	665	538	536	434	541
September	815	605	605	581	615	600	499	480
October	759	691	652	586	618	637	522	568
November	774	693	696	649	701	606	529	678
December	876	626	696	716	722	693	628	656
January	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	8,837	8,056	7,895	7,537	7,609	7,242	6,423	6,992

Budget for contracts 2008/09	\$865,584	8,146 tonnes
Contract to June 2009 (transport and disposal)	\$930,596	8,837 tonnes
Projected expenditure and tonnages 30 June 2009	\$930,596	8,837 tonnes
Unfavourable variance from budget	\$65,012	691 tonnes

This variance is offset in part by an increase in ARRP revenue from increased fees on extra quantities.