



# Ashburton District Council

## AGENDA

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

**Date:** Thursday 29 January 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)

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# AGENDA

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## ASHBURTON DISTRICT COUNCIL REPORT

**FILE NO:** 0510/68/02  
**DATE:** 29 January 2009  
**REPORT TO:** Operations Committee  
**FROM:** Community Services Officer  
**SUBJECT:** Road Closure – Ashburton Art Gallery

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### 5. ROAD CLOSURE – ASHBURTON ART GALLERY

#### 5.1 SUMMARY

To recommend the temporary closure of a road in Ashburton for the purpose of allowing the Ashburton Art Gallery to hold the opening of their “Love Me Tender” exhibition.

#### 5.2 RECOMMENDATION

“That the following street be closed to ordinary vehicular traffic from 9.30 am to 5.00 pm on Saturday 14 February 2009, for the purpose of allowing the Ashburton Art Gallery to hold the opening of their “Love Me Tender” exhibition:

BARING SQUARE EAST, from Havelock Street to Cameron Street.”

#### 5.3 BACKGROUND

The Ashburton Art Gallery has applied for a temporary road closure for the purpose of holding the opening of the “Love Me Tender” exhibition, on the following street in Ashburton:

- BARING SQUARE EAST, from Havelock Street to Cameron Street

This application must be considered by Council because of time constraints - the application was not received in time to meet the requirements of the Land Transport Act. Under regulation 4 of the Transport (Vehicular Traffic Road Closure) Regulations 1965, where notice of intention to close the road must be advertised at least 42 days before the proposed road closure.

The Ashburton Art Gallery has been advised of the conditions of closure as follows:

1. Approval by this Committee.
2. No objections being upheld against the closure in response to the statutory advertisement.
3. Arrangements are to be made for a pre-event and post-event inspection with a representative from the Council’s Operations Department. The inspections are to be completed within three days of the event and results of the inspections will be recorded by Council.
4. The road must be reinstated to the condition prior to the event. Any costs incurred by the Council as a result of this event, including maintenance costs or reinstatement costs, will be charged to the Ashburton Art Gallery. Any restoration work required is to be carried out to an arranged programme with Council.
5. Necessary arrangements are made for the tidying and clearing of the road on the closed section of the road and the disposal of any litter.

6. The Ashburton Art Gallery is required to arrange adequate insurance against its liability to pay damages to any person or entity in respect of any claim on account of damage to property or injury to persons where the damage or injury results from the holding of this event.
7. Provision of a Traffic Management Plan, conforming to the requirements of the Transit NZ Code of Practice for Temporary Traffic Management.
8. The Ashburton Art Gallery shall be responsible to ensure that the correct road signs and barricades are in place during the full period of the closure and promptly removed after the conclusion and clearance of the road.
9. The Ashburton Art Gallery are required to provide adequate safety marshals in distinctive clothing for the event.
10. Should weather conditions become sufficiently adverse that the road could be damaged as a result of holding the event the organisers shall take the necessary steps to protect the road. This may include delaying or cancelling the event.

#### **5.4 OPTIONS AND RISKS CONSIDERED**

The responsibilities for risk free operation lie with the organisers and all contingencies are covered in the conditions of closure.

#### **5.5 STATUTORY IMPLICATIONS**

Clause 11 of the Tenth Schedule of the Local Government Act 1974 provides –

*“That Council may, subject to such conditions as it thinks fit... close any road or part of a road to all traffic (e)... for any exhibition, fair, market, concert, film making, race or other sporting event or public function.”*

#### **5.6 CONSULTATION**

The proposed road closure has been publicly notified in the Ashburton Guardian on Wednesday 14 January and objections called for by 4.00 pm Wednesday 28 January 2009. At the time of the report being prepared, no objections had been received.

#### **5.7 STRATEGIC LINKS**

The Council believes it has a role to play in supporting community events and facilities by running events and supporting community facilities and initiatives through funding. The goals for this activity are:

*To ensure community events, facilities and funding are available to foster community identity, participation and to encourage the use of community facilities.*

#### **5.8 FINANCIAL**

Not applicable.

**Prepared By:**

V PRENDERGAST  
**Community Services Officer**

**Approved by:**

J G ROLLINSON  
**Manager Democracy & Community Services**

## 6. ACTIVITY REPORTS

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### 6.1 GENERAL

#### 6.1.1 Financial Reports

Financial reports for the period 1 July to 30 November 2008, are attached. *Pages*  
**25-35**

#### 6.1.2 Ashburton Business Estate

- **Internal water and wastewater**

Design work on the internal water and wastewater services are proceeding. Options to locate the wastewater pumping station outside the business park footprint to provide a better internal lot layout are being investigated.

- **Works Road alignment**

Discussions regarding land access to achieve a better entrance road alignment are near completion.

- **Stormwater consent applications**

Issues with respect to one of the proposed stormwater conditions are being resolved. Once this is complete, the conditions will be forwarded to ECan. It is likely this consent will be processed non-notified.

- **Structure Plan and subdivision consent**

A notional lot layout has been prepared for Stage 1.

Once the Works Road alignment has been finalised the subdivision consent application and structure plan will be lodged.

- **State Highway 1 intersection upgrades**

Approval of the design by the State Highway Authority and consideration of our funding application are imminent.

Work is programmed to commence as soon as these decisions have been received.

- **Financial Summary**

— Professional services

|                                  |             |
|----------------------------------|-------------|
| - quoted contract                | \$1,800,000 |
| - forecast final expenditure     | \$1,831,120 |
| - forecast unfavourable variance | \$31,120    |

— External potable water

|                                |                                       |
|--------------------------------|---------------------------------------|
| - budget                       | \$1,657,700                           |
| - tendered sum                 | \$1,485,575                           |
| - forecast final expenditure   | \$1,395,017 (final construction cost) |
| - forecast favourable variance | \$191,425                             |

#### 6.1.3 Ashburton Aquatic Centre / Stadium

Information relating to the project has been forwarded to Council for consideration.

#### **6.1.4 Lake Hood Public Toilets**

The design of the Lake Hood public toilets has been approved by the Aquatic Park Charitable Trust.

The Trust has also agreed (5/1/09) to provide Council with a long term lease on the area of land required for the toilets rather than vesting the land in Council at this stage.

There was general acceptance of the land area requested, however they indicated that they thought it may not be sufficient for a future play area.

The Trust has invited Council to draw up a lease agreement and get the toilet block underway.

Details relating to the lease will be finalised prior to construction commencing.

#### **6.1.5 Waste Minimisation Act 2008**

A letter, as resolved by the Committee at the 20 November meeting, has been sent to the Ministry for the Environment outlining our concerns regarding the following with respect to the Waste Minimisation Act 2008:

- Territorial Local Authority representation on the Waste Advisory Board
- The use of interest on levies collected
- Requesting territorial local authorities be invited to comment on product priorities.

#### **6.1.6 Rakaia Water Supply**

A notice of appeal was lodged with the Environment Court on 22 December 2008, regarding one of the conditions relating to scheme auditing in the granted consent to take water for the Rakaia water supply upgrade.

There is an opportunity for this matter to be considered through mediation. The Environment Court requires advice regarding this option by 26 January 2009.

#### **RECOMMENDATION**

- “1. That the Committee approves mediation with respect to Condition 10 of Consent CRC 0737787; and
- 2 That if mediation is unsuccessful, the appeal be continued through the Environment Court.”

#### **6.1.7 Storm Event Sunday 18 January 2009**

Set out below is a very brief summary of the rainfall event.

- A short duration, high intensity rainfall event occurred on Sunday 18 January 2009 – 4.30pm to 6.00pm approximately.
- The rainfall intensity varied across the urban area of Ashburton.
- Unofficial rainfall readings are as follows:
  - Tinwald – 5mm
  - King Street – 61mm
  - Creek Road – 105mm
  - Mitcham Road – 75mm

- The official reading from the Domain was 25mm. (this is likely to be low)
- Based on a rainfall intensity of 25mm over a 1 hour period, the return period for the event is 1 in 60 years making this a significant event.
- Council was contacted by the after hours answering service at 5.30pm approximately.
- The area primarily affected was the area bounded by SH77, Farm Road, Racecourse and Smithfield Roads.
- The storm event included hail which blocked some stormwater sumps and guttering on private property.
- The Mill Creek detention area was not required to operate during the event.
- A small number of houses (4) were flooded as a result of the surface flooding. It appears the “bow wave” resulting from vehicles travelling along flooded roads contributed significantly to this.
- Approximately 250mm of water entered the Bridge Street potable water treatment building. There was no loss of service.
- One of the submersible pumps at the Rakaia water supply “cut out” as a result of lightning. The second pump continued operating with no loss of service. The pump was re-set by the operator.
- The irrigator “cut out” in the Rakaia wastewater scheme due to lightning. This was reset by the operator.
- There were no other significant issues regarding Council utilities.

As indicated above, it appears that flooding of properties in some areas was exacerbated by the “bow wave” created by vehicles travelling along flooded streets. We will be speaking to the State Highway Authority regarding standard operating procedures relating to closure of the State Highway if flooded, diversion of traffic and closure of local roads.

One of the significant areas to be flooded was the section of State Highway 1 between Walnut Avenue and Saunders Road.

In a similar event we will be requesting that the State Highway be closed between Walnut Avenue and Saunders Road/Racecourse Road and traffic diverted along Racecourse Road, Walnut Avenue and Creek Road or Belt Road.

Other local roads eg Queens Drive, Pages Road and Saunders Road will be closed to minimise the exacerbation of flooding by vehicles travelling along flooded streets.

We are also investigating technical improvements to mitigate surface flooding where there is a clear technical solution.

#### **6.1.8 Appointment of the Trade Waste Officer**

Mr Don Boyd has been appointed to the position of Trade Waste Officer in the Regulatory Department of the Environmental Services Group.

The commencement of the Trade Waste Bylaw was 1 January 2009.

Mr Boyd will be distributing information and will be consulting with industry and businesses shortly. Trade waste fees will be collected for a six month period 1 January to 30 June 2009. Trade waste revenue has been included in the draft 2009/19 LTCCP. Background information regarding the Bylaw has been circulated to Councillors.

## 6.2 ROADING

### 6.2.1 State Highway Work 2008/2009, 2009/10 and 2010/11

Opus International as consultants to NZTA on state highway work have advised that the following work programmes are planned for state highway work in the Ashburton district.

2008/09 (approved)

SH1 resurfacing

Sections at Ealing, Hinds, south of Dromore and south of Rakaia

SH 1 overlays

South of Laings Rd

SH 77 resurfacing

East of Pole Rd and each side of Methven

SH 77 overlays

Wakelins Rd

2009/10 (draft) (yet to be finally approved)

SH1 resurfacing

Sections at Ealing, around Hinds, West St, Works Rd and Chertsey

SH 1 overlays

Ealing straight, and Dromore

SH 1 dig out and reconstruction

Rakaia Township

SH 1 pavement recycling

Tinwald

SH 77 resurfacing

Braemar Lauriston Rd, Arundel Rakaia Gorge Rd, Rakaia Gorge.

SH 77 overlays

Winchmore Dromore Rd and Winchmore Lauriston Rd

2010/11 (draft) (yet to be finally approved)

SH1 resurfacing

section at Ealing and south of Hinds, north of Hinds bridge, Racecourse Rd intersection, Rakaia bridge approach

SH 1 dig out and reconstruction

south of Jamiesons Rd, Rakaia township

SH 1 pavement smoothing

Tinwald

SH 77 resurfacing

Wakelins Rd, and east of Thompsons Track.

Tenders for area wide pavement treatment on SH 1 at Laings Road and SH 77 at Wakelins Road closed in January and work will commence shortly.

### 6.2.2 Weather Events

Significant weather events have occurred since Christmas which have incurred additional costs in cleaning and clearing and subsequent remedial works.

- On Friday 2 January, a wind storm hit the district with the most damage occurring immediately north of Ashburton township in the Winchmore/Mitcham/Dromore areas.

There was considerable damage to private shelter belts, plantations and fencelines and the section of Winchmore Dromore Road, between Mitcham Road and SH 1, was closed for Monday 5 and part of Tuesday 6 January, when over 100 mature pine trees were blown down from the north side of the road. As this section was only sealed in 2007 and still has a first coat seal, some damage has been done to the seal by the trees and the clearing operation. Trees were also reported brought down on Wakanui Township Road, Gardiners Road and Timaru Track and while other roads were less affected with individual trees affecting access, these were mostly cleared by the owners of the trees before they caused problems for motorists.

- In the late afternoon of Sunday 18 January, a major rain and hail storm hit the urban area of Ashburton. A separate report on this event has been distributed to councillors. Cleaning up following this extreme event is continuing.

### **6.2.3 Crash Reports**

A record of other crashes that have occurred in Ashburton district on state highways and local roads since last report is appended. **Pages 36-38**

In addition, since the last Operations Committee report, two fatal crashes have occurred on local roads.

At approximately 1.00 am on 20 December 2008, a male pedestrian was killed on Albert Street in Ashburton. As the driver of the vehicle has not been identified, Police are unable to provide any information with respect to this incident. At the time of the incident, it was raining and obviously dark, although it is understood that all street lights in this vicinity were working.

At approximately 8.30 pm on 30 December 2008, a southbound car left the right-hand side of Arundel Rakaia Gorge Road just after negotiating a moderate left hand curve. The sole passenger was killed instantly when the left side of the car hit a tree. A police Serious Crash Unit investigation has been carried out and once available, information will be provided to Councillors.

### **6.2.4 General Maintenance**

During the Christmas period, the maintenance contractor was kept busy responding to calls from residents and road users following the extreme weather experienced. The high temperatures resulted in flushing bitumen on several roads, notably Arundel Rakaia Gorge Road in the Alford Forest vicinity. This was treated several times during the Christmas break. Prior to Christmas, Havelock Street West also required treatment through a combination of previous soft bitumen and the failure of the sealing over recent trench work, where sections of the surfacing had been picked up by vehicle tyres on particularly warm days. The spreading of sealing chip on this street has resulted in the chip adhering to the surplus binder and providing a short-term solution.

In addition, strong winds, including the storm of 2 January, have damaged numerous signs and posts throughout the district. Reports are still being received of signs affected and others are reinstated by the contractor's staff while travelling around the district working on other work.

Major pre-seal pavement repairs are complete and only minor potholes and edgebreak work needs to be carried out prior to the completion of this seasons reseals.

### **6.2.5 Area Wide Pavement Treatment**

It is intended to tender a sealed road rehabilitation package within the next two weeks. Survey of the sections is still to be completed so that design levels can be included in the specification.

In addition and depending upon the budget available once the above rehabilitation tenders are received, it is intended to carry out a thin overlay on specific sections of Arundel Rakaia Gorge Road where the surplus binder causes extensive bleeding in high temperatures. This is considered to be the most cost effective, permanent solution to this problem.

### **6.2.6 Major Drainage Control**

- Contract C547 – Roadside drainage improvements, 2008/09. The swale drain excavation work in this contract has been completed and only the installation of soakpits is still to be carried out.
- Contract C552 – New and replacement kerb and channel 2008/09 – has been let to Ashburton Contracting Ltd. Work has commenced on new kerb and channel on Racecourse Road.

### **6.2.7 Reseals of District Roads**

Contract C550 – Reseals and pre-seal repairs, 2008/09. ACL have completed approximately 40% of the total scheduled sealing work. Work is progressing satisfactorily with a variety of treatments specified and few hold-ups caused by weather. As previously reported a close watch is being kept on the NZTA Bitumen Index as fluctuations in this have a marked effect on the cost of sealing and therefore the available budget for other works, ie treatment of the sections of Arundel Rakaia Gorge Road above.

### **6.2.8 Bridges**

A joint meeting of Roading staff and Opus International Consultants has still to be held to discuss options coming from Opus' Structural Assessment Survey. Unavailability of affected staff has meant this meeting has been delayed.

### **6.2.9 Street Cleaning**

Routine cleaning of urban streets, channels, sumps and siphons continues. Additional resources were used prior to Christmas to get as much cleaning completed prior to the break as possible. With the wind storm of 2 January and the flooding of 18 January, considerable additional cleaning will be required to get the District's streets back to an acceptable condition.

The cleanup following the New Years Eve Street Party was carried out effectively and efficiently although there was considerable less mess than some previous years.

### **6.2.10 Traffic Services**

As mentioned above, a significant number of signs, especially in rural areas, have been affected with the strong winds before Christmas and the wind storm of 2 January. In most cases, signs have been able to be retrieved and reinstated on new posts. Where it is noted that a sign has been damaged or blown down more than once, some form of bracing will be installed to increase the stability of these signs for the future.

As well, routine maintenance of road signs and traffic services continues throughout the district.

### **6.2.11 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 and attends to lamp maintenance requests. No significant issues have been reported since the previous report.

### **6.2.12 Minor Improvements**

Contract C531 – Stranges Road/Grahams Road intersection upgrade has been completed. A review of the signage at the revised intersection and adjustment of the roading asset database is being carried out.

Other projects on the 2008/09 schedule are currently being surveyed or designed, or previous designs amended slightly following consultation and these will be progressively prepared for construction early in 2009.

### **6.2.13 New Cycleway**

Plans for the development of the cycle path between Moore Street and Havelock Street have been prepared and are currently having some small redesign work with respect to parking layouts in the West Street car park completed.

### **6.2.14 New Kerb and Channel and Footpaths**

Contract C552 – new and replacement kerb and channel, 2008/09 has been awarded to Ashburton Contracting Ltd and work has commenced with 320m of new kerb and channel on Racecourse Road NW from Belt Road.

### **6.2.15 Footpath Maintenance**

Ongoing routine maintenance and cleaning of the urban footpaths continues.

Contract C551 – Footpath Resurfacing, 2008/09 has been let to Fulton Hogan Ltd and work has commenced with resurfacing in Ashburton Township.

### **6.2.16 Minor Township Maintenance Contracts**

Normal seasonal operations are underway for the Rakaia and Methven contracts. No significant issues have been reported in the last period. Increased time is to be spent monitoring the effectiveness of operatives to ensure that the contracted levels of service are being provided, and more routine and frequent communication with the contractors will be set up so that conditions in each township are conveyed to staff on a regular basis.

### **6.2.17 Public Conveniences**

Ongoing maintenance of the district's public conveniences continues. Most rural toilet tanks were cleaned prior to Christmas and several instances of minor plumbing repairs were rectified.

Temporary portable toilets were in place at Lake Camp over the holiday period and the provision and location of these seems to have been successful. Monitoring of the condition of these toilets was carried out by staff on a regular basis and clearing the tanks was undertaken by contractors several times.

## 6.3 WATER SUPPLIES

### 6.3.1 General

The schemes are operating satisfactorily.

- **AM-AH10 – Water Pipeline Renewals, Ashburton & Methven 2008/09**

This contract covers the renewal of 1382m of water mains and construction of 724m of rider mains in Ashburton and Methven.

Work commenced on Main Street southern section on 19 November. All work was completed on 22 December 2008. Work commenced in Park Street and Havelock Street on 12 January. Forecast completion dates for these sections are 5 and 11 February respectively.

### 6.3.2 Ashburton

- **Tinwald Borefield**

The well drilling contractor has drilled to approximately 117 metres with no evidence of high water flow; currently clay bound gravels. The lithology is similar to the previous bore drilled at George Glassey Park. Contractor staff have noted that the best looking material was encountered at 95.6 metres but it was only a thin stratum.

The service provider engaged to assist with the site selection process has been advised of current progress and has made a visit to the site. They have now adjusted their original predictions and advised that water is present at 121 metres. The originally approved exploration depth was 120 metres. As a consequence of the new information, the drilling contractor has been authorised to explore 125 metres and then hold pending further instruction. Further exploration beyond this depth requires a new drilling rig to be brought to the site (due to the need to telescope the bore) and will be subject to water subcommittee approval.

- **Wind Event – 2 January 2009**

Consumers in the upper Allenton area of Ashburton were without water for approximately 1½ hours on Friday 2 January from around 5.30pm. The loss of service coincided with an electricity supply failure that affected most of Ashburton and some outlying areas.

All three water facility sites were affected by the power fluctuations and interruptions as follows:

- Argyle Park lost power but the generator started successfully and continued to operate. Ordinarily the booster pumps would continue to operate but they tripped out on overload.
- Domain lost power and the generator started successfully and continued to operate.
- Bridge Street experienced a power fluctuation (brown out). This was not enough to start the generator but did cause the pumps to trip out on overload. The auto resets failed to operate.

These sites that were operating were not enough to meet the demand on the scheme at the time and the loss of the booster pumps contributed to the loss of service to the upper Allenton area.

Investigations into system performance during this event are continuing. However, our engineering service provider is liaising with the maintenance contractor to implement some changes in the interim, to component set points and the timing of key resets.

### **6.3.3 Methven**

- **Wind Event – 2 January**

Equipment at the water treatment plant was damaged by power surges during the strong winds on 2 January 2009. The chlorine analyser, telemetry, magflow water meter and the generator were all affected.

Service has been maintained by sourcing temporary replacements from other plants within the district until such time as replacements arrive from suppliers. Invoices have yet to be received for this work but may involve several thousand dollars. Consideration is being made in regard to a possible insurance claim.

### **6.3.4 Fairton**

- **Water Supply Upgrade**

It is proposed to undertake a round of public consultation with the Fairton community on the proposed water upgrade. This will be an opportunity to provide the community with details on the proposed works and seek feedback.

The proposed upgrade design includes the drilling of a new deep bore to replace the relatively shallow existing bore. There are risks associated with shallow bores in terms of long term water quality and declining groundwater levels. If successful (in terms of yield and quality), the deep bore may allow for garden watering and will require less treatment. The deep bores drilled to date have been able to be classed as secure and therefore the testing / monitoring requirements under the DWSNZ are also reduced.

In order to make progress, the well drilling contractor has been “pencilled in” to start drilling in early March and our engineering service provider is proceeding with detailed design based on the concepts within the approved CAP funding application.

### **6.3.5 Mayfield**

- **Water Supply Upgrade**

It is proposed to undertake a round of public consultation with the Mayfield community on the proposed water upgrade. This will be an opportunity to provide the community with details on the proposed works and seek feedback.

Design work has commenced based on the concepts within the approved CAP funding application. The scheme currently operates by supplying water to the township directly from the filter. This places highly variable loading on the filter and during periods of medium to high scheme demand the performance of the filter is significantly reduced. The philosophy behind the upgrade work is to even out the load on the filter. This will be accomplished by pumping at a constant rate to new ground-based storage. The township will then be supplied from the new storage rather than directly from the filter. The amount of storage proposed is 180m<sup>3</sup> using a tank farm approach similar to the Hinds water supply ie 6 x 30m<sup>3</sup> polyethylene tanks. Our engineering service provider has advised that there will be some site works required to facilitate the preferred positioning of the storage facility.

The investigations completed to date include monitoring of turbidity prior to and after the filter under normal operation and during high river flow events (which affect raw water quality). The results of this monitoring indicate that the existing filter will not be a long term option for the scheme even with the interim operational changes proposed above. The glacial flour that is present at times in the raw water places considerable challenges even for very advance filtration systems.

It is proposed at this stage before committing to any subsequent upgrading that treatment trials are completed. Council has a preferred service provider relationship with Filtration Technology Ltd (Filtec) who has a trial membrane filtration plant that could be placed on site and operated for a period in order to evaluate the effectiveness of this system.

Our engineering service provider has suggested that there is a possibility that the trial may be undertaken at little or no cost to the scheme because the company may consider the trial as part of their research and development programme, the monitoring and evaluation of the trial plant being done as a joint venture between Filtec and the University of Canterbury with oversight being done by another consultancy firm.

### **6.3.6 Mt Somers**

- **Water Supply Upgrade**

The reservoirs and standby generator were installed and successfully commissioned in December. The exploratory bore drilling at the intake has been completed to 29 metres. The most promising aquifer was encountered at 13-18 metres. The casing has been withdrawn to this level to allow for screening and further testing. If the yield from the bore is sufficient, the sustainability of the intake source is largely assured and we can move forward with the rest of the upgrading with some confidence.

### **6.3.7 Rakaia**

- **New Water Take Consent**

The new consent was considered and granted at an ECan Regulatory & Hearing Committee (RHC) meeting on 28 November.

### **6.3.8 Upgrade Works**

The contract documents are being finalised and tendering of the physical works will commence on 29 January with a proposed tender closing date 27 February. The construction period is 30 March to 18 September.

### **6.3.9 CAP Funding**

The original CAP funding contract has an expiry date of 28 February 2009. A letter was sent to Ministry of Health on 18 December requesting an extension to the contract until 30 December 2009. This was confirmed as acceptable by telephone late December and the contract variation documentation was received on 15 January confirming the contract extension. This has been signed and forwarded back to the MOH.

## **6.4 WASTEWATER**

### **6.4.1 General**

The schemes are operating satisfactorily.

- **AM-AH11 – Sewer Pipeline Renewals, Ashburton & Methven 2008/09**

This contract covers the renewal of 1042m of sewer mains in Ashburton & Methven. Work commenced in Dolma Street on 10 December 2008, but has been put on hold due to a problem with the pipe bursting rig. The contractor is currently making repairs. The existing pipeline has been reinstated to ensure that service is maintained during this period.

Work is expected to recommence on Dolma Street on or about 26 January 2009. Work commenced in Anzac Lane on 8 December 2008 and was completed on 22 December 2008. Work commenced in Short Street on 5 January and is expected to be completed on or about 28 January.

#### **6.4.2 Ashburton**

- **Ashburton WWTP Facilities**

The installation of improved screening to protect the wetland area from floatable materials migrating from the ponds has been completed. A fence has also to be constructed around the storage pond at Ocean Farm to prevent the ingress of windblown material and prevent small animals from falling into the pond.

#### **6.4.3 Ocean Farm**

- **WW-AG10 Removal of Standing Grass at Ocean Farm – Terrace Road, Ashburton**

This contract covers the removal (sale) of standing grass at Ocean Farm. The successful contractor is Winslow Ltd. To date all blocks have had their first cut harvested and part of Block 4 has received its second cut.

- **Fencing**

Additional 8km of internal fencing has been completed in December. The fencing contractor has not recommenced work since the Christmas break.

#### **6.4.4 Methven**

- **Upgrading of Disposal Beds at WWTP**

Modifications to the effluent disposal control system were completed late last year and are being monitored.

#### **6.4.5 Rakaia**

- **Sludge Disposal**

The sludge disposal system at the Acton Road treatment plant is continuing to come under scrutiny by ECan's monitoring staff. The current system is struggling to achieve full compliance and improvements need to be made to work procedures and the disposal system to comply with resource consent conditions.

Our engineering service provider has identified an improvement plan that is expected to address the non-compliance issues. The plan includes some operational (process) changes but also some plant improvements such as a meter to be installed on the sludge pipeline to improve reporting of volumes and a holding / mixing tank to render the sludge more consistent, which is expected to improve distribution within the forestry block. The improvement plan works are currently being costed and may be subject of a request for additional funding.

## **6.5 STORMWATER**

### **6.5.1 General**

The schemes are operating satisfactorily.

### **6.5.2 Ashburton**

- **Ashburton Urban Stormwater Strategy**

The purpose of this document is to set out an overall strategy to enable Council to meet its obligations, and effectively manage stormwater in the urban area. The overall strategy for stormwater management will set an approach for sustainable management in the Ashburton urban area for the next 25 years.

The review of the draft AUSS has delayed due to staff commitments to the budget / LTCCP preparation process. Once the review is completed, this document will be forwarded for Council consideration and adoption.

## **6.6 STOCKWATER**

### **6.6.1 Network**

Due to the generally hot dry weather period throughout Canterbury, some of the intakes are at very low levels and this is impacting on our ability to take normal volumes of water to keep the network operating satisfactorily.

The high wind event of 2 January 2009 had significant impact on the stockwater network, with many trees falling in races and blocking water flow. These trees have all been cleared from the main races.

### **6.6.2 Race Applications / Closures**

Since 1 July 2008, a total of 31 applications have been received. Four applications are awaiting further information, and the remainder have been approved. The length of race closed since 1 July 2008 is 32,545 metres.

## **6.7 SOLID WASTE MANAGEMENT**

### **6.7.1 Residual Waste Management – Ashburton Resource Recovery Park**

Operation of the residual waste management contract at the Ashburton RRP is proceeding satisfactorily. The trend towards increased residual waste since 1 July continues. For the six months to December 2008, 4,684 tonnes of residual waste were transported to Kate Valley. Consequently there are 760 tonnes more residual waste transported to Kate Valley for the six months to December this financial year compared with the previous year, a 19.4% increase. There has been an increase in unsorted construction and demolition quantities being disposed of as residual waste.

| <b>Tonnes of materials recovered from the residual waste disposal area</b> |      |                 |      |
|--|------|-----------------|------|
| <b>July</b>  | 3.78 | <b>August</b>   | 4.24 |
| <b>September</b>   | 5.34 | <b>October</b>  | 6.94 |
| <b>November</b>  | 3.96 | <b>December</b> | 6.04 |

### 6.7.2 Green waste and Construction & Demolition Waste Management

| <b>Month</b>     | <b>Vehicles with green waste</b> | <b>Vehicles with Demolition Materials</b> | <b>Total Vehicles</b> | <b>Cubic Metres of Green waste</b> |
|------------------|----------------------------------|---|-----------------------|------------------------------------|
| <b>July</b>      | 680                              | 102                                       | 782                   | 650.00                             |
| <b>August</b>    | 832                              | 81  | 913                   | 168.75                             |
| <b>September</b> | 1262                             | 96  | 1358                  | 562.50                             |
| <b>October</b>   | 1189                             | 79  | 1268                  | 438.75                             |
| <b>November</b>  | 1532                             | 94  | 1626                  | 848.27                             |
| <b>December</b>  | 1452                             | 69  | 1521                  | 483.5                              |

The green waste and demolition waste contract is operating satisfactorily.

### 6.7.3 Refuse and Recycling Collection

The kerbside recycling and refuse collection contract is operating satisfactorily. The quantity of residual waste and recycling increased again in September. Figures are indicated on the table below:

| <b>All Areas</b> | <b>Kerbside - tonnes</b> | <b>Litter Bins - tonnes</b> | <b>Total Residual Waste- tonnes</b> | <b>Recycling - tonnes</b> |
|------------------|--------------------------|-----------------------------|-------------------------------------|---------------------------|
| <b>June</b>      | 152.70                   | 7.22                        | 159.92                              | 105.75                    |
| <b>July</b>      | 167.77                   | 7.51                        | 175.17                              | 113.40                    |
| <b>August</b>    | 153.48                   | 8.64                        | 162.12                              | 105.97                    |
| <b>September</b> | 172.5                    | 5.78                        | 178.28                              | 120.02                    |
| <b>October</b>   | 172.08                   | 7.04                        | 179.12                              | 126.26                    |
| <b>November</b>  | 155.76                   | 4.52                        | 160.28                              | 110.16                    |

Recycling materials transported off site shown on the attachment

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### 6.7.4 Waste Minimisation

A total of 351.5 tonnes of recyclable materials were processed during October, 363.8 tonnes November and 340.8 tonnes in December. Quantities of recyclables processed are relatively even and throughput is steady.

### 6.7.5 Domestic Hazardous Waste Drop-off at Ashburton RRP

The disposal of small quantities of domestic hazardous waste is steady and the service is operating well.

### 6.7.6 Fire at Ashburton Resource Recovery Park – October 2008

Good progress has been made coping with the aftermath of the fire and operations continued with minimal disruption to the public. It has been determined that the fire is unlikely to have been caused by industrial activity or electrical fault. There were no signs of accelerants at the scene although accelerants would not have been needed for ignition due to the combustible nature of the stored products.

There is a trespassing issue at commercial properties within Riverside Industrial Estate, including the Ashburton resource recovery park. The most likely cause of the fire is young people playing with matches or fireworks. Fireworks were discovered much later during the cleanup. There were no witnesses to the event. Several suspects were spoken to but denied involvement.

### 6.7.7 Current Issues

- Electronic waste and televisions are diverted from the waste stream. An area is set aside for the safe dismantling of “e waste” and TV’s and parts are re-used and recycled.
- The recycling commodities market has collapsed because of the global economic crisis. The Contractor has found solutions for most materials in the interim.
- Transport logistics are being worked through to send the backlog of clear glass to a glass manufacturer in Auckland for recycling.
- The kerbside education campaign during December covered steel cans and general recycling when at home or while away over the holidays.

### 6.7.8 Transport of Waste to Kate Valley

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

### 6.7.9 Diesel Fuel Surcharge

The diesel fuel surcharge (DFS) applied by Transwaste to users of Kate Valley commenced on 1 August 2008 and ceased in November 2008. The DFS for August and September was \$0.50 per tonne and 5% per trip inclusive of GST. Following the decline in the price of oil the surcharge has reduced to \$0.28 per tonne and 2.25% per trip inclusive of GST for October only.

### 6.7.10 Management of Waste Processing Sites

- **Ashburton resource recovery park**

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

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

| <b>Tonnes of residual waste transported to Kate Valley from Methven</b> |       |
|---|-------|
| July  | 12.37 |
| August  | 12.41 |
| September   | 15.11 |
| October   | 12.69 |
| November  | 11.78 |
| December  | 15.51 |

Figures relating to use of the clean fill and green waste disposal site at Vaughans Rd are shown in this table:

| Month: 2008 | Vehicle Numbers | Month: 2008 | Vehicle Numbers |
|-------------|-----------------|-------------|-----------------|
| July        | 12              | Aug         | 8               |
| September   | 13              | Oct         | 36              |
| November    | 34              | December    | 29              |

Vehicle numbers increased sharply with the arrival of Spring.

### 6.7.11 Methven Improvements

One of the new recycling drop-off centres was installed in Main Street, Methven in early November.

### 6.7.12 Collection of Unwanted Farm Chemicals

The survey is underway and completed questionnaires are being sent in by property owners, including farmers. Currently phone calls are being made to some of the property owners who haven't replied. When the survey is finished a chemicals firm will visit individual farms and pick-up unwanted chemicals. Hazardous chemicals will be neutralised prior to disposal or sent to France for incineration. This is the last targeted collection available for Ashburton. Next year there will be a general District-wide invitation to all residents to freely dispose of chemicals.

### 6.7.13 Rakaia Resource Recovery Park

This contract is operating satisfactorily.

| Tonnes of residual waste transported to Kate Valley from Rakaia |       |
|---|-------|
| July  | 13.12 |
| August  | 26.68 |
| September   | 13.58 |
| October   | 25.68 |
| November  | 23.59 |
| December  | 26.03 |

## 6.8 EMERGENCY MANAGEMENT

### 6.8.1 Fire Season Status

A restricted fire season was declared on 16 January 2009 and remains in force.

### 6.8.2 Fire Incidents

Fifty one incidents have been attended by rural fire parties from the time of the last Committee meeting and up to 22 January 2009, with a breakdown as follows:

|               |    |
|---------------|----|
| Vegetation    | 29 |
| Rescue assist | 1  |

|                      |   |
|----------------------|---|
| Electrical/pole fire | 4 |
| Structure            | 9 |
| Vehicle              | 3 |
| Chimney              | 1 |
| MVA                  | 1 |
| False alarm          | 3 |

Of note during this period were two days when a significant number of vegetation fires occurred. The first was on 15 November 2008 when strong NW winds resulted in two significant fires in the Winslow/Maronan Rd area where Tudor House was threatened and SH 1 was closed due to one fire, and approximately 1 km of hedge was lost and houses and sheds were threatened in the other.

The vegetation fire occurred on 2 January 2009, also as a consequence of strong NW winds, and resulted in seven calls over a two hour period. Most of these fires resulted from power wires and poles being brought down by the strong winds gusting up to 100kph. Some of these fires are listed above as vegetation fires as they spread from the poles/wires to surrounding vegetation.

### 6.8.3 Fire Permits

Since the introduction of fire restrictions seven permits have been issued and further applications have been received.

### 6.8.4 Rural Structures List

The New Zealand Fire Service inquiry into the cool store fire incident at Tamahere last year, where a firefighter died, produced a report with clear recommendations. Following the outcomes and recommendations of the inquiry, the New Zealand Fire Service (NZFS) National Commander and National Rural Fire Authority (NRFA) National Rural Fire Officer issued a letter to all Principal Rural Fire Officers requesting information to enable better assessment of commercial and industrial building risks in rural areas and to *promote inter-agency sharing of information about buildings using nationally consistent formats*. The letter also summarised the findings of *an analysis of current rural/urban fire legislation in relation to risk planning and control of fires in buildings throughout New Zealand*.

The letter requested all Fire Authorities to compile a list of all commercial and industrial structures in their rural areas that fall within one or more of the following risk categories:

- i) Places of assembly for more than 50 people
- ii) Places of employment for more than 10 persons
- iii) Accommodation for more than 5 paying guests or tenants (other than in a household unit)
- iv) Commercial or industrial buildings used for manufacturing or storage or processing including any facility containing hazardous or flammable substances held for any purpose
- v) High life risk buildings – special occupancies providing care to the very young, the very old or the disabled but not including household units.

The letter also requested that once all buildings that fall within the above risk categories have been identified, that they be entered into a permanent register to be maintained by each Fire Authority.

Each Fire Authority was then requested to discuss with the NZFS appropriate mechanisms to provide fire protection relative to the assessed level of risk of the building and prepare a risk and tactical action plan for responding agencies.

The letter also requested Fire Authorities to assess all commercial and industrial buildings using the Fire Service Building Risk Assessment system.

The EMO has been working on this request and the list of rural structures is close to completion. Some 130 structures have been identified within the rural areas of the district that fall within 1 or more of the risk categories.

Following completion of the list the local Fire Service Fire Safety Officer will assist the EMO in producing risk profiles for each of these structures. It is anticipated this will take some time and priority will be given to the structures perceived to have the highest risk.

### **6.8.5 Rain Event – 18 January 2009 Allenton / Netherby / Hampstead**

The Emergency Management Officer was first alerted to the event by a call from TAS at approximately 1730hrs to report that residents in a flat on Chalmers Ave needed evacuation and a boat was necessary.

As the EMO was in Methven at the time the District Forester was alerted and asked to check out the situation at Chalmers Ave. At the time of his arrival there the water was already receding and no houses experienced infiltration although some garages were affected.

Further calls were received from TAS during the next 30-40 minutes with flooding issues reported on Trellech Place, Queens Drive, Smithfield Road, McDonald Street, Chalmers Ave, Falcon Drive, Harrison Street, East Street and Mitchell Place.

The EMO contacted the Ashburton Fire Brigade to coordinate activities as they had also received multiple calls relating to the event.

The Ashburton Rural Volunteer Fire Force was also deployed to assist and worked with the Ashburton Fire Brigade.

The joint effort was then coordinated from the Ashburton Fire Station. The main activities were ensuring drains were kept clear and pumping out some garages.

## **6.9 ASHBURTON DISTRICT ROAD SAFETY**

### **6.9.1 School Gate Safety Campaign**

This campaign finished with the draw of the lucky numbers that were on each road safety flyer sent out with the school newsletter. Prize vouchers that were not claimed were donated to the respective school that distributed the material. Planning has commenced for the return to school campaign which will begin in early February.

### **6.9.2 “Risk it all” Intersection Campaign**

This activity concluded after the "intersection wheel" was taken to the ASHCOSS Forum on Friday, 5 December. With several opportunities utilised to increase awareness of intersection safety, many resources and information leaflets were distributed. It created many interesting discussions from the community about intersection safety. The campaign concluded with the draw of the major prize which was won by Francesca McAdam.

### 6.9.3 Community Alcohol Action Project

The “Don’t become an endangered species – Drive Sober” campaign was launched on Thursday, 20 November 2008. A number of CAAPS blitz are to be held over the holiday period.

### 6.9.4 Summer Holiday Campaign

This campaign commenced on 15 December. A combination of radio and newspaper advertising, a radio promotion and various newspaper articles were utilised. Awareness of driver fatigue, speed and seatbelt wearing were the focus of the campaign.

### 6.9.5 Bike Wise

The Bike Wise Committee met in December and January. The group includes representatives from Road Safety, Community Public health, Sport Mid Canterbury, Tinwald Cycling Club and Paul Wylie.

Planning has commenced for a number of events including the Mayoral Challenge, which will be held on 15 February. The Go by Bike Day will be on 18 February and it is hoped than there will be two locations this year, Methven and Ashburton. A new activity will be offered to local schools which will be hosted by the Tinwald Cycling Club.

### 6.9.6 Road Safety Coordinator

The Road Safety Coordinator has resigned, effective from 14 January 2009, to commence self employment. Mrs Tinning has made a significant contribution to road safety in the Ashburton district and we wish her well in her new business. The position will be advertised and a new coordinator will be appointed shortly.

## 6.10 CONTRACTS AWARDED

Contracts awarded since November 2008

| No.  | Contract   | Contractor   | Date / Value<br>\$         | N° of Tenders<br>/ Range \$             | Engineer's<br>Estimate |
|------|--|--------------|----------------------------|---|------------------------|
| C551 | Footpath<br>Resurfacing,<br>Ashburton District,<br>2008/2009                       | Fulton Hogan | 22/12/2008<br>\$426,411.40 | 3<br>\$426,411.40<br>to<br>\$511,274.07 | \$420,081              |
| C552 | New and<br>Replacement<br>Kerb and<br>Channel,<br>Ashburton District,<br>2008/2009 | ACL          | 22/12/2008<br>\$563,074.07 | 2<br>\$563,074.07<br>to<br>\$595,112.46 | \$573,780              |

## **6.11 CUSTOMER SERVICE REQUEST REPORTS**

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

***Pages 41-43***

## **6.12 METHVEN COMMUNITY BOARD**

A meeting of the Methven Community Board is scheduled for Monday 26 January 2009. Minutes of the meeting will be circulated to the Committee.

R ROUSE  
**Operations Manager**

**RECYCLING MATERIALS TRANSPORTED OFF-SITE TO THE MONTH OF DECEMBER 2008 INCLUDING TOTALS**

| Month                  | Cardbd<br>(tonne) | Paper (t)     | Metal<br>cans (t) | Alum<br>cans<br>(t) | Batt.<br>(t) | Recycl<br>metals<br>(t) | Plastic<br>Film<br>(t) | PET<br>plastic<br>s (t) | HDPE<br>plastic (t) | Glass (t)     | Re-usables (t) | Waste oil<br>(litres) | Totals<br>including<br>oil |
|------------------------|-------------------|---------------|-------------------|---------------------|--------------|-------------------------|------------------------|-------------------------|---------------------|---------------|----------------|-----------------------|----------------------------|
| <b>Tot 02/3</b>        | 616.50            | 500.90        | 44.38             | 9.821               | 2.99         | 4.992                   |                        | 39.178                  | 22.208              | 302.38        | 66.53          | 7,420                 |                            |
| <b>Tot 03/ 4</b>       | 743.74            | 624.67        | 48.42             | 12.63               | 1.745        | 19.129                  |                        | 39.293                  | 28.485              | 416.80        | 174.74         |                       |                            |
| <b>Tot 04/05</b>       | 395.459           | 601.708       | 65.478            | 10.939              | 1.819        | 96.993                  |                        | 9.716                   | 29.381              | 475.46        | 181.906        | 3,600                 |                            |
| <b>Tot 05/06</b>       | 544.614           | 848.9         | 77.248            | 13.011              | 7.28         | 28.253                  | 45.033                 | 49.81                   | 33.641              | 490.32        | 482.369        | 6,691                 |                            |
| <b>Tot 06/07</b>       | 627.067           | 885.153       | 53.043            | 11.598              | 10.56        | 80.162                  | 64.991                 | 43.287                  | 51.788              | 648.65        | 679.59         | 8160                  | <b>3156.89</b>             |
| <b>Tot 07/08</b>       | 680.43            | 988.92        | 63.44             | 11.60               | 10.00        | 179.30                  | 270.30                 | 18.60                   | 8.95                | 817.06        | 923.10         | 7,700                 | <b>3,979.37</b>            |
| Totals from<br>July 08 |                   |               |                   |                     |              |                         |                        |                         |                     |               |                |                       |                            |
| <b>Jul 08</b>          | 57.62             | 72.54         | 0                 | 1.23                | 0            | 38.236                  | 20.68                  | 0                       | 0                   | 41.04         | 67.046         | 2,100                 | <b>298.39</b>              |
| <b>Aug 08</b>          | 50.94             | 90.13         | 8.68              | 0.94                | 1.75         | 14.70                   | 22.88                  | 0                       | 0                   | 40.76         | 72.93          | 0                     | <b>303.70</b>              |
| <b>Sep 08</b>          | 52.28             | 84.14         | 8.00              | 1.13                | 1.00         | 21.536                  | 48.02                  | 0                       | 0                   | 100.76        | 92.714         | 0                     | <b>409.58</b>              |
| <b>Oct 08</b>          | 71.42             | 97.88         | 7.08              | 0.59                | 0            | 19.391                  | 20.291                 | 0                       | 0                   | 63.42         | 71.39          | 0                     | <b>351.462</b>             |
| <b>Nov 08</b>          | 73.916            | 81.2          | 3.34              | 1.11                | 1.18         | 12.945                  | 69.046                 | 0                       | 0                   | 59.44         | 61.605         | 2,100                 | <b>363.777</b>             |
| <b>Dec 08</b>          | 57.22             | 111.34        | 2.54              | 0.78                | 0.695        | 7.96                    | 12.775                 | 0                       | 0                   | 58.1          | 89.386         |                       | <b>340.796</b>             |
| <b>Tot 08/09</b>       | <b>363.4</b>      | <b>537.23</b> | <b>29.64</b>      | <b>5.78</b>         | <b>4.62</b>  | <b>114.8</b>            | <b>193.7</b>           | <b>0</b>                | <b>0</b>            | <b>363.50</b> | <b>455.1</b>   | <b>4,200</b>          | <b>2,071.9</b>             |

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

**Residual Waste Volumes – Kate Valley**

| <b>Month</b>        | <b>Transported 08/09</b> | <b>Transported 07/08</b> | <b>Transported 06/07</b> | <b>Transported 05/06</b> | <b>Transported 04/05</b> | <b>Transported 03/04</b> | <b>Transported 02/03</b> | <b>Transported 01/02</b> |
|---------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| <b>July</b>         | 708                      | 627                      | 611                      | 616                      | 528                      | 532                      | 502                      | 507                      |
| <b>August</b>       | 752                      | 682                      | 680                      | 665                      | 538                      | 536                      | 434                      | 541                      |
| <b>September</b>    | 815                      | 605                      | 605                      | 581                      | 615                      | 600                      | 499                      | 480                      |
| <b>October</b>      | 759                      | 691                      | 652                      | 586                      | 618                      | 637                      | 522                      | 568                      |
| <b>November</b>     | 774                      | 693                      | 696                      | 649                      | 701                      | 606                      | 529                      | 678                      |
| <b>December</b>     | 876                      | 626                      | 696                      | 716                      | 722                      | 693                      | 628                      | 656                      |
| <b>January</b>      |                          | 746                      | 713                      | 619                      | 670                      | 621                      | 554                      | 781                      |
| <b>February</b>     |                          | 695                      | 610                      | 627                      | 602                      | 640                      | 558                      | 589                      |
| <b>March</b>        |                          | 667                      | 718                      | 668                      | 670                      | 675                      | 554                      | 573                      |
| <b>April</b>        |                          | 684                      | 618                      | 562                      | 668                      | 595                      | 579                      | 566                      |
| <b>May</b>          |                          | 691                      | 721                      | 690                      | 677                      | 582                      | 565                      | 567                      |
| <b>June</b>         |                          | 648                      | 576                      | 558                      | 600                      | 525                      | 499                      | 486                      |
| <b>Annual Total</b> | <b>4,684</b>             | <b>8056</b>              | <b>7895</b>              | <b>7,537</b>             | <b>7609</b>              | <b>7,242</b>             | <b>6,423</b>             | <b>6,992</b>             |