



Ashburton District Council

AGENDA

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

Date: Thursday 9 June 2011

Time: To follow Environmental Services Committee

Venue: Council Chamber
5 Baring Square West
Ashburton

B LESTER
Chief Executive

MEMBERS:

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

AGENDA

	Page
1 APOLOGIES	
2 NOTIFICATION OF EXTRAORDINARY BUSINESS	
3 CONFIRMATION OF MINUTES Operations Committee – 28/04/11	1
4 MATTERS ARISING	
MATTERS FOR COMMITTEE DECISION	
5 Tinwald Borefield Project – Access to Tinwald Reserve	5
ACTIVITY REPORTS	
6 6.1 General	9
6.2 Roding	10
6.3 Water Supplies	13
6.4 Wastewater	15
6.5 Stormwater	17
6.6 Stockwater	18
6.7 Solid Waste Management	18
6.8 Emergency Management	22
6.9 Road Safety	23
6.10 Contracts Awarded	24
6.11 Customer Service Requests	24
6.12 Methven Community Board	
7 Water Subcommittee – 19/05/11	26
BUSINESS TRANSACTED WITH THE PUBLIC EXCLUDED	
8 C583 - New Street Lighting Operation & Maintenance Contract Section 7(2)(h) Commercial activities	51
9 C521 – Minor Township Maintenance Contract, Rakaia – 2007-2011 Section 7(2)(h) Commercial activities	54

2 June 2011

Ashburton District Council Report

File No DW-AH01
Date 9 June 2011
Report to Operations Committee
From Water Services Manager
Subject Tinwald Borefield Project – Access to Tinwald Reserve

5 Tinwald Borefield Project – Access to Tinwald Reserve

5.1 Summary

The Tinwald Reserves Board (TRB) provided agreement in principle for drilling a bore in the Tinwald Domain. The bore has been drilled and negotiations with the TRB for final approval of the facility design have been ongoing over the last few months. These negotiations have led to the offer of a number of concessions to the TRB and the Plains Railway and Preservation Society.

We have now received final approval subject to the already agreed concessions and on the additional proviso that the TRB be granted an exemption for water charges. Staff have no delegation to grant the exemption under the current policy.

The purpose of this report is to update the Committee as to the current state of the access approvals, and request that the Committee formally declines the request for exemption and provides some direction in regard to the access to the Tinwald Domain for the project.

5.2 Recommendation to Council

- 1 **That** Council declines the request for exemption from water charges received from the Tinwald Reserves Board; and
- 2 **That** Council formally approves the easements necessary for the purposes of constructing the treatment building and trunk main through the Tinwald Domain Reserve as currently (conditionally) agreed by the Tinwald Reserves Board.

5.3 Background

The Tinwald Reserves Board provided written approval in March 2010 to proceed with drilling the bore in the Tinwald Domain and "agreement in principle" to site the associated facilities within the Domain. **Page 29**

The bore was successfully drilled in August 2010. In accordance with the TRB requirements, further consultation and discussions took place in regard to the design and pipeline alignments. This resulted in a number of requests for additional works to be completed and items to be provided as part of the work. These "concessions" took the form of:

- Chip sealing of driveway into the Plains Railway and Preservation Society grounds;
- Provision of additional connections for fire-fighting near carriage sheds;
- Provision of hydrants;
- Consideration of sizing of power transformer for future domain camping ground requirements;
- Provision of new connections for camp ground extensions;
- Access track "dressing" post construction and ongoing maintenance on a 50:50 cost share.

Preliminary design proceeded on the basis of these discussions. When concept plans for the treatment plant were provided, the TRB then advised that we needed to consult with their landscape architect for consideration of the building design. While it acknowledged that this approach has led to a better outcome for the Tinwald Domain (in providing a building more in keeping with the environs) it has resulted in significant delay and additional costs to the project.

The revised plans, which incorporate the requirements of the landscape architect, have now been placed before the TRB for final approval. In May, Council received final approval from the TRB subject to the already agreed concessions but on the additional proviso that the TRB be granted an exemption for water charges. Staff have no delegation to granting the exemption under the current policy.

Under the water metering policy, all non-residential properties are metered and charged. Since the water services department again became responsible for water metering (from October 2010), the department has been progressively working through the networks and addressing inconsistencies and endeavouring to ensure that all non-residential properties are captured. The Tinwald Domain is one of the sites where a number of new meters have been installed to improve the level of monitoring and ensure all entities are being treated fairly. The same approach is to be taken for similar reserves and other Council properties. It is considered important that the cost of the operating those properties is accurately reflected without subsidy from various water supply operating accounts.

5.4 Options & Risks Considered

The following options are available.

Option One – Recommend that Council approves the exemption of water charges

The Operation Committee recommends to Council that the Tinwald Reserves Board be granted an exemption for water charges.

Risks

- *May set a precedent and result in a number of non-profit organisations seeking similar exemptions.*
- *Makes the operational costs of the facility (Tinwald Domain) less transparent.*

Option Two – Recommend that Council declines the exemption and approves the easements for construction of the facility in the Tinwald Domain

The Operation Committee recommends to Council that the request for the exemption be declined and that Council approves the easements necessary for construction of the facility has currently agreed by the Tinwald Reserves Board.

Risks

- *None identified.*

The recommended option is **Option 2 – Recommend that Council declines the exemption and approves the construction of the facility in the Tinwald Domain.**

Note If Council is of the view that the Tinwald Reserves Board will be disadvantaged by water charges then relief should be by way of a grant to operating costs.

5.5 Statutory Implications

The statutory implications arising from the recommendations contained in this report are:

Local Government Act 2002

This Act requires Council to develop and adopt a Revenue and Financing Policy. The Ashburton District Council Revenue and Financing Policy was developed and adopted as part of the *Ashburton District Council Community Plan 2009-1019* (refer Vol II).

This policy set out the Finding mechanisms for drinking water activity, in particular item 4, is reproduced below-:

Non-residential water connections are charged a targeted uniform annual charge, entitling them to a set amount of water. Usage in excess of this amount is charged on a per cubic metre basis.

Reserves Act 1977

The Tinwald Reserve was vested in Council in pursuant of Section 26(1) as reproduced below-:

26 Vesting of reserves

(1) For the better carrying out of the purposes of any reserve (not being a Government purpose reserve) vested in the Crown, the Minister may, by notice in the Gazette, vest the reserve in any local authority or in any trustees empowered by or under any Act or any other lawful authority, as the case may be, to hold and administer the land and expend money thereon for the particular purpose for which the reserve is classified.

Under the same legislation Council may authorise the necessary access directly in accordance with section 48(1) & (3).

48 Grants of rights of way and other easements

(1) Subject to subsection (2) and to the Resource Management Act 1991, in the case of reserves vested in an administering body, the administering body, with the consent of the Minister and on such conditions as the Minister thinks fit, may grant rights of way and other easements over any part of the reserve for—

- (a) any public purpose; or*
- (b) providing access to any area included in an agreement, lease, or licence granted under the powers conferred by this Act; or*
- (c) the distribution or transmission by pipeline of natural or manufactured gas, petroleum, biofuel, or geothermal energy; or*
- (d) an electrical installation or work, as defined in section 2 of the Electricity Act 1992; or*
- (e) the provision of water systems; or*
- (f) providing or facilitating access or the supply of water to or the drainage of any other land not forming part of the reserve or for any other purpose connected with any such land.*

(2) Before granting a right of way or an easement under subsection (1) over any part of a reserve vested in it, the administering body shall give public notice in accordance with section 119 specifying the right of way or other easement intended to be granted, and shall give full consideration, in accordance with section 120, to all objections and submissions received in respect of the proposal under that section.

(3) Subsection (2) shall not apply in any case where—

- (a) the reserve is vested in an administering body and is not likely to be materially altered or permanently damaged; and*
- (b) the rights of the public in respect of the reserve are not likely to be permanently affected—by the establishment and lawful exercise of the right of way or other easement.*

It is considered that locating the water supply facilities within the Domain will not “materially alter” or “permanently damage” the reserve and the rights of the public will not be “permanently affected”, so the public notice requirements in part (2) are not applicable.

5.6 Consultation

No consultation with the wider community has taken place on this matter.

The Tinwald Reserves Board has been extensively consulted on the on the water upgrade project prior to and throughout the various stages. The board’s assistance to date is acknowledged.

5.7 Strategic Links

Approval of the recommendations contained in this report is consistent with Outcomes and Strategic Objectives outlined in the LTCCP. In particular;

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

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

Outcome 2: A thriving and diverse local economy that provides the foundation for a quality lifestyle.

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

5.8 Financial

There are no financial implications arising from the recommendations contained in this report.

Prepared By:

A GUTHRIE
Water Services Manager

Approved by:

R ROUSE
Operations Manager

6. ACTIVITY REPORTS

6.1 General

6.1.1 Financial Reports

Financial reports for the period 1 July 2010 to 30 April 2011 are attached.

Pages 30-43

6.1.2 Professional Services Contract

The professional services contract was formally awarded at the 26 May meeting of Council.

A contract initiation meeting will be held shortly.

6.1.3 2011/2012 Annual Plan

The 2011/2012 draft annual plan has been the subject of public consultation and the hearing and consideration of submissions.

Council workshops have been attended by Operations staff.

6.1.4 Resource consent applications (water transfer project)

A resource consent application has been lodged to discharge 45 l/sec for groundwater recharge and to take water from a deep groundwater bore in the Ashburton Business Estate.

We are continuing to work with the two affected parties and hope to secure affected party sign off.

6.1.5 Mount Hutt Riverbank Stockwater Supply Investigation

Work has commenced on resource consent documentation for the transfer of water from the stockwater system to the Mount Hutt Riverbank stockwater scheme.

6.1.6 Rakaia Barrhill Stockwater Race Closure

Appointments to the project/working group have been made.

The "stakeholder community" have been provided with a project update including the terms of reference and project process framework for the working group.

The first meeting was held on Wednesday 8 June. The Committee will be verbally updated at the meeting.

6.1.7 Construction and Demolition material

A meeting was held with local contractors on Friday 20 May, to identify options to address the issues relating to the storing / processing / disposal of C&D materials.

The following programme and assistance from Council was approved:

Total timeframe: 16 weeks

Investigate:

- Existing site consents at the ARR
- Possible variations to consent conditions
- Opportunities to take over part or all of the Pole Yard and availability
- Opportunities for pit access, standard template consent process, shared or separate ownership
- Land use consent requirements

- Changing the range of materials that can be categorised as cleanfill
 - Level playing field with respect to enforcement
- This will possibly require another meeting with contractors to discuss progress and any issues that arise. Contractors to provide a concept layout plan.

Report to Council on issues and options identified from the above investigation.

6.2 Rooding

6.2.1 State Highway Work 2010/11

- Major project work in the district has been completed.
- Installation of active school warning signs on SH77, Methven, has been completed. NZTA were informed on 1 June that they are not working and have instructed their contractor to investigate.

6.2.2 Crash Reports

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

Pages 44-45

6.2.3 General Maintenance

Since the last report graders and a pothole repair team have been working in all areas of the district responding to CRM requests.

Metal maintenance of unsealed roads has continued with areas of Muirheads, Goughs Crossing, Sawmill, Hepburns, Earlys, Springburn, Bushside, Lochheads, Coxs, Jig, Ollivers, Sheates, Mill, Fechnes, Lills, Windermere, Westerfield School, Winslow-Westerfield, Rushford, Milton (South) and Double Hill Run Roads being dressed.

Dig-outs have been completed on Racecourse Road, Thompsons Track, Arundel Rakaia Gorge and Wakanui School Roads.

Swales have been cut on Lills, Sheates, Windermere and Winslow-Westerfield Roads to improve drainage.

Various signs have been replaced and reinstated around the district. Three new signs erected in Methven and folding ice grit signs have also been installed.

6.2.4 Area Wide Pavement Treatment

Contract C573 - Sealed Road Rehabilitation 2010/11 has been completed.

The widening and strengthening of Bremners Road, together with the Glassworks/Bremners Road intersection improvements, has been included as a variation to ACL's resurfacing contract C592 with work commencing on site on Monday 30 May.

6.2.5 Major Drainage Control

The roadside drainage improvements contract C594 has been completed.

Osborns Road Bridge #146 has been removed and replaced with a culvert under contract C590. Completion of this work requires Electricity Ashburton to relocate a pole at the site.

6.2.6 Reseals of District Roads

Contract C592 - Reseals and Pre-seal Repairs, 2010/11.

The resurfacing work requested in this contract has been completed. The work at Bremners Road has been included as a variation following ACL's successful pricing of this work.

6.2.7 Bridges

The 2010/11 replacement of bridge 30 (Double Hill Run Road – Double Hill Stream No 1), upgrades of Bridges 48 and 65, and the replacement of bridge 146 on Osborns Road was awarded to Hunter Civil of Christchurch. This contract has now been completed.

6.2.8 Street Cleaning

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

6.2.9 Traffic Services

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

Total numbers of signs affected during April and for the previous 11 months are:

	May/ Jun	Jul	Aug/ Sep	Oct	Nov/ Dec	Jan/ Feb	Mar	Apr	Total 12 months
Replace broken signs	26	12	39	19	33	46	28	23	226
Replace missing signs	13	5	17	9	22	24	31	5	126
Replace or upgrade signs	52	9	9	3	9	2	9	9	102
Replace marker posts	85	-	64	-	113	47	-	-	309
Totals	176	26	129	31	177	119	68	37	763

- Contract C556 – Maintenance of Road Markings 2009 – 2012. Operation of this contract has continued and the re-marking of the Smallbone Drive / Robinson Street intersection at Riverside Industrial Park is completed.

6.2.10 Carriageway Lighting

- Contract C583 – Operation and Maintenance of Streetlights 2010-2011.

Electricity Ashburton is continuing with maintenance work and operation of Council's street lights. As Electricity Ashburton is upgrading switch gear etc on a number of rural roads the opportunity to install intersection flag lights at Swamp/Hendersons Road, Swamp/Wilsons Road and Lynnford/Boundary Road, Boundary/Grahams Road intersections will be actioned.

A separate report has been prepared for Council on the methodology to obtain the streetlight services following the termination of the current contract on 30 June.

6.2.11 Minor Improvements

Two of the four rural intersections have been sealed (Stanley / Le Bretons and Stanley / Fairfield) with the other two under construction. It is expected that the Anama Valetta / Anama Station Road intersection will be sealed the week following Queens Birthday weekend with the remaining one (Darts / Back Track / Mt Hutt Station) a week later.

The "improve safety at school" projects for this year are all under construction. Seal widening at Lagmhor, Longbeach and Dorie underway.

The intersection improvements at the Pudding Drayton/Arundel Rakaia Gorge Road are complete except for minor tidying and the works at Scotts corner have been completed.

Bremners/Glassworks Road improvements commenced on Monday 30 May.

The Lismore School/Cracroft Maronan/Trevors Road and the Hinds Arundel/Trevors/Withells Road intersections contract C598 has been advertised with tenders closing on 14 June. The first of these intersections was budgeted to be completed this financial year with the second planned for 2011/12. If tenders come in on budget then work will be committed this year and the funds unexpended will be carried forward.

Tenders have also been called for the Park/Kermode Street, Wills/East Street Brucefield/Kitchener Street intersection improvements and the kerb protrusion planned on Phillips Street. Tenders for this contract C597 close on Thursday 16 June. Again these works were budgeted to be completed this year. Design delays have forced the late tendering and if prices are within budget then the works will be committed with unexpended funds needing to be carried forward.

6.2.12 Seal Widening

The section of Bremners Road still to be widened is included with the Glassworks Road intersection upgrade and rehabilitation work being undertaken by ACL as a variation to contract C592.

6.2.13 New Roads

- Contract C574 - Dobson St West Construction.

The new road linking the existing section of Dobson Street with Robinson Street in the Riverside industrial area has been completed. Construction of stormwater overflow into the unnamed stream running through the site, from the soak pit on site, is delayed pending the issue of resource consent from ECan.

6.2.14 New Kerb & Channel and Footpaths

- C568 - New and Replacement Kerb and Channel and Footpath, Ashburton District 2010/11

This contract has been let to ACL. Practical completion for this contract was issued on 11 May.

6.2.15 Footpath Resurfacing 2010/11

Contract C595 "Footpath Resurfacing, Ashburton District 2010/11". The resurfacing has been completed except for 386m (1057m²) along Peters Street in Hinds. It is expected that all works will be completed by 30 June.

6.2.16 Footpath Maintenance

Ongoing routine maintenance and cleaning of the urban footpaths continues.

6.2.17 Minor Township Maintenance Contracts

Methven: No issues to report.

Rakaia: A meeting was held with the chairperson of the Rakaia Community Association to discuss the Rakaia minor township maintenance contract. This is the subject of a stand-alone report to the Committee.

6.2.18 Public Conveniences

- **Mt Somers**

The Mt Somers District Citizens Association has requested that a public toilet block be constructed behind the fire shed on Pattons Road for the use of fire personnel and the general public using the adjacent McClimont Green.

It is estimated that a basic toilet facility with a holding tank could be constructed for approximately \$15,000. However, if the demand for this facility is as high as stated then there will be problems associated with odour and emptying the holding tank will be required on a regular basis at a cost of \$300 each clean (say \$7,800 per annum @ fortnightly intervals).

\$40,000 would be required to construct the same facility with an approved septic tank but it is envisaged that the effluent discharge would not be able to be installed on Council's property directly behind the fire shed. The only option would be to install the drip line on the McClimont Green.

Given the above and that there is no current budget for a toilet facility, a possible solution would be a sign directing the public to the toilet facility in the Domain.

- **East Street**

Council has requested an estimate to improve the floor of this facility.

An estimate of \$8,500 to grind the existing surface, supply and install textured tiles, and seal the resulting surface has been obtained. There is no current budget and nothing budgeted in the 2011/12 programme for this work. The work could commence as soon as /and if a budget provision of \$8,500 is approved by this Committee.

- **Rakaia**

To tile the floor of the Rakaia toilets is estimated to cost \$6,000 to provide and install the same tiles as those proposed for East Street. This cost has been allowed for in the 2011/12 draft budget and we propose undertaking the work as soon as possible.

6.2.19 Professional Services Contract

Work continues on the remaining projects required under contract C582.

Consultation for the Allenton project has been completed with drainage and crossing design continuing. Minor intersection improvement designs are progressing with option reports received for Maronan / Melcombe / Henderson Road intersection.

6.3 Water Supplies

6.3.1 AM-AK10 Water Pipeline Renewals – Ashburton, Methven & Mt Somers 10/11

Work on Brucefield Avenue was completed on 3 May.

Work commenced on Racecourse Road on 27 April. All pipework (340m) has been laid, tested and commissioned. The forecast completion date for this section is 27 May with a contract completion date 10 June.

6.3.2 Ashburton

Ashburton Upgrade - Tinwald Borefield

The final design drawings have been reviewed by staff and will be forwarded to the Tinwald Reserves Board for final approval. The TRB have provided approval of the concept designs already received on the proviso that the TRB be permanently exempted water charges. This matter falls outside of officer delegations and is the subject of a standalone report.

Negotiations with affected landowners are continuing in regard to the water supply protection zone. It is expected that approval from the landowners will be forthcoming in the next few weeks.

Further discussions with ECan over the application to vary the resource consent for Ashburton have delayed lodgement. It was envisaged that as part of the variation, the Tinwald abstraction could be integrated into the existing Ashburton consent, rather than vary the consent that currently covers the existing Tinwald bore on Archibald Street. This approach was preferred because it would give Council one resource consent for the entire Ashburton water supply. Unfortunately, because the Tinwald abstraction is in a different groundwater zone to the Ashburton abstractions, this is not possible. The application is finalised on this basis, and is expected to be lodged on or about 10 June.

The physical works associated with this project cannot proceed until necessary approvals from the Tinwald Reserves Board, and the consent variation from ECan are granted. Commencement on construction of the treatment building and trunkmain is now unlikely to commence until mid-August at the earliest. Subject to these approvals and based on a 12 week construction period for the building and the trunkmain this provides for a project completion date of 4 November.

Ashburton Upgrade – Ashburton Domain Bore No:7

The application to vary the Ashburton consent was submitted on 13 May. It is understood that ECan are expected to approve consent on or about 3 June.

The contract for the building modifications at the Ashburton Domain was awarded to the utility maintenance contractor on 3 May. Work is expected to commence at the site during the week commencing 23 May.

The contract covering bore commissioning and the construction of the trunkmain from the new bore to the treatment facility was submitted to utility maintenance contractor for pricing on 10 May. A price is expected from the contractor on or about 1 June. The works under this contract will not commence until the consent variation is granted (expected 3 June). The contract period is 7 weeks, giving a contract completion date of 15 July.

Hydrant Pressure and Flow Testing

Since the late 1990s there has not been a formal regime of fire hydrant testing undertaken in the Ashburton District. In 2010/11 it was proposed to undertake fire hydrant pressure and flow testing of key hydrants within the Ashburton reticulation. This work is being done in consultation with the Chief Fire Officer of the Ashburton Volunteer Fire Brigade.

The fire hydrant pressure and flow testing of approximately 315 hydrants is to commence during the week commencing 30 May and is to be complete by 10 June.

6.3.3 Hakatere

Water Supply Upgrade

The additional water testing has been completed which has allowed design to be progressed. The engineering drawings are nearing completion with the balance of contract documentation ~50% complete.

Confirmation of key aspects of the design has allowed consideration of the ultra-violet (UV) sterilisation equipment requirements. It has been now been confirmed that the appropriate unit is supplied from Germany with a delivery timeframe of 6-8 weeks (air freight) or 12-16 weeks (sea freight). Note-: The supplier is still to advise whether the unit can be air freighted.

Given the very long lead in times, consideration was given for different model UV units. The unit currently selected as part of the design was chosen for the following reasons-:

- The unit comes with an automatic wiper for the quartz sleeves.
This would be particularly beneficial at Hakatere to reduce fouling and maintenance requirements as a result of iron and manganese build up. Note-: Automatic wipers are uncommon in small UV units.
- The unit has met the certification requirements outlined in the DWSNZ. Certification is a very expensive to achieve. As a result, compliant units are typically sourced from Europe or the US.

Based on the above factors, it is believed that the model selected will provide the greatest certainty of compliance with the legislation and will result in reduced maintenance requirements.

6.3.4 Mayfield

Water Supply Upgrade

Staff met with the bore owner and other representatives of the Mayfield Citizens Group on 18 May. Agreement has been reached on the sale of the bore and the transfer of the consent.

The engineering service provider has been requested to commence detailed design on the basis of the Council decision of 14 April 2011. It was agreed that a copy of the final contract documentation will be forwarded to the Mayfield Citizens Group.

It was also agreed that the bore owner will be permitted to be an observer during the tender evaluation process.

6.3.5 Methven

Water Supply Upgrade

A brief report on the results of the pilot trial has been received and is being reviewed by staff. As expected, the engineering service provider has recommended proceeding with the macrolite filtration system including provision for coagulation as part of the process (coagulation improves the effectiveness of the filtration process). As advised previously, this is a conservative approach but provides the greatest certainty in terms of compliance with the drinking water legislation.

It is proposed to have another workshop with the Methven Community Board to discuss the results and agree the way forward before commencing the consultation process with the community.

6.4 Wastewater

6.4.1 Ashburton

Health and Safety

The Department of Labour (DOL) have undertaken an investigation of the facilities at Wilkins Road. The DOL are of the view that Council is not compliant with the requirements of the legislation (Health and Safety in Employment Act) and have requested details of steps Council intends to take to bring these facilities into full compliance.

There have been ongoing negotiations between Council staff and DOL inspectors and general agreement has been reached on the requirements to bring the Wilkins Road site up to standard. It is understood that provision of toilets and basic hot water hand-washing facilities will be necessary to comply with the Act.

As a result of this finding, it is proposed to install similar facilities at Ocean Farm site and Methven wastewater facility. Every endeavour will be made to complete the required works under existing budget provisions.

Inline Effluent Screen / Pump Station Portal Building

Work has commenced on the pipework. The subcontractor for the portal building is expected to submit the application for building consent on or about 27 May. Some minor approved variations (relating to lighting and power supply sizing) have resulted in an extension to the contract of one week. The revised contract completion date is 24 June.

Maturation Pond Outlet Screen

The debris boom has been supplied to the contractor and fabrication of the screen and flooring has commenced. The anchor blocks and floor support for the floating boom are expected to be completed on or about 3 June. Due to some unforeseen conditions on site (necessitating a slight design change), the contract completion date has been extended by 1 week to 17 June.

Irrigation Bore Supply

McMillan's completed the constant discharge test on 6 May. The results have been provided to a specialist hydrological service provider for preparation of an aquifer report. This was expected on or about 27 May. Although the final report is yet to be received, it is understood that the final aquifer parameters are not as favourable as first thought and this may influence the sustainable yield from the bore.

The application for resource consent will be lodged as soon as practicable following receipt of the report.

Cox Street (Cass St to William St) Sewermain Renewal

This project is being completed as part of a separable portion to the AM-AK10 – Water Pipeline Renewals 10/11. Work commenced on 27 April. All main pipework has been laid. Approximately 100m of the total 334m of laterals pipework has been laid. No testing has been undertaken at this point. The contract completion date is 13 June.

6.4.2 Ocean Farm

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

Harvesting of grass commenced on 10 October, and is now complete for this season. All blocks received a third harvest and blocks A, B, D, E and F received a fourth harvest during the season. The harvest yield to date is 1,891,007 kgDM – this figure does not include the final harvest yields undertaken in May.

6.4.3 Methven

Main St / McMillan St (The Mall to South Belt) Rear Sewermain Renewal

This project is being completed as part of a separable portion to the AM-AK10 – Water Pipeline Renewals 10/11. This project is utilising a trenchless technology.

All pipeline works on this project are completed. The remaining reinstatement was forecast for completion on or about 24 May, although reinstatement on one property is being held back by request of landowner to allow coordination with work they intend carrying out on property. The contract completion date is 13 June 2011.

6.4.4 Rakaia

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

Harvesting of grass commenced on 4 December, and to date both blocks have received their second harvest. The harvest yield to date is 123,074 kgDM.

Soil tests have been taken from the harvest blocks and a fertiliser recommendation will be sought with an aim to improve pasture growth.

6.5 Stormwater

6.5.1 Ashburton

Tuarangi Road Watercourse

The field work has been completed and the results of the consultation process are being reviewed. A number of concerns have been raised in relation to the water course. These include-:

- That storm flows have increased;
- The dumping of green waste from neighbouring properties;
- Interceptor not trapping all trash in some rain events.

This information will be considered along with the survey data to establish the best way forward to address the residents' concerns where possible.

Chalmers Avenue Gross Pollutant Trap

An order for the GPT was placed with the supplier on 10 May. The manufacture and delivery to site is expected to take 6-8 weeks.

Contract documentation covering the installation and minor site works is expected to be with the utility maintenance contractor for pricing on or about 1 June. The contract duration is two weeks. Based on delivery around the end of June all work is expected to be completed on or about 14 July.

6.5.2 Ashburton Urban Stormwater Strategy

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

All of the additional survey work is now expected to be completed on or about 13 May 2011.

6.5.3 Mill Creek

Bank Stabilisation 2010/11

In accordance with Council decision made during the Annual Plan workshop, work will now commence on the survey and design necessary to combine those sites identified in the 2011/12 year with all sites in the current year's programme. The expectation is to have sufficient documentation available to permit tendering the works in July, with construction commencing in August 2011. As discussed during the workshop, this may have budget implications, but this can be managed at the time of tender award if necessary.

6.6 Stockwater

6.6.1 Network

The network has experienced some minor disruptions to service caused by flood flows in intake source rivers. Intakes at the Brothers, Pudding Hill, McFarlanes Terrace, Taylors Stream and the Methven Auxiliary were affected. Contractors were engaged to remedy as soon as safe and normal flows were reinstated within a few days. High wind events combined with autumn leaf fall has caused numerous blockages in the network.

6.6.2 Intake Metering

Work has commenced on the installation of metering infrastructure on the lower rate intakes. This work is necessary to meet the requirements of the *Resource Management (Measurement and Reporting of Water Takes) Regulations 2010*. These regulations came into effect on 10 November 2010.

Under the regulations, water takes that existed prior to 10 November 2010 have a staggered compliance deadline depending on the rate of take-:

- 20 litres/second or more – no later than 10 November 2012
- 10 – 20 litres/second – no later than 10 November 2014
- 5 -10 litres/second – no later than 10 November 2016

The accuracy requirements are $\pm 5\%$ for full pipe flow and $\pm 10\%$ for open channel flow. The stockwater intakes are in the latter category.

The work generally involves the installation of a concrete flume which has a modified "throat" profile to ensure optimum flow conditions for accurate measurement. A measurement device typically measuring water height (from which flow is calculated) and remote data-logger, is positioned above a small stilling chamber situated immediately adjacent to the flume.

Approval has been granted to progress the work at 13 sites. Where the work is on private property the affected property owners have been consulted.

6.6.3 Race Applications / Closures

Since 1 July 2010, a total of 82 applications have been received, with two applications awaiting further information, one cancelled, and one to be referred to Council for decision. The remainder (78) have been approved.

Race closure measurements have been undertaken using measurements derived from the Council's GIS and indicate completed closures at 297,543 metres.

6.7 Solid Waste Management

6.7.1 Ashburton Resource Recovery Park

The maintenance and operations contract is operating satisfactorily. Onsite developments include:

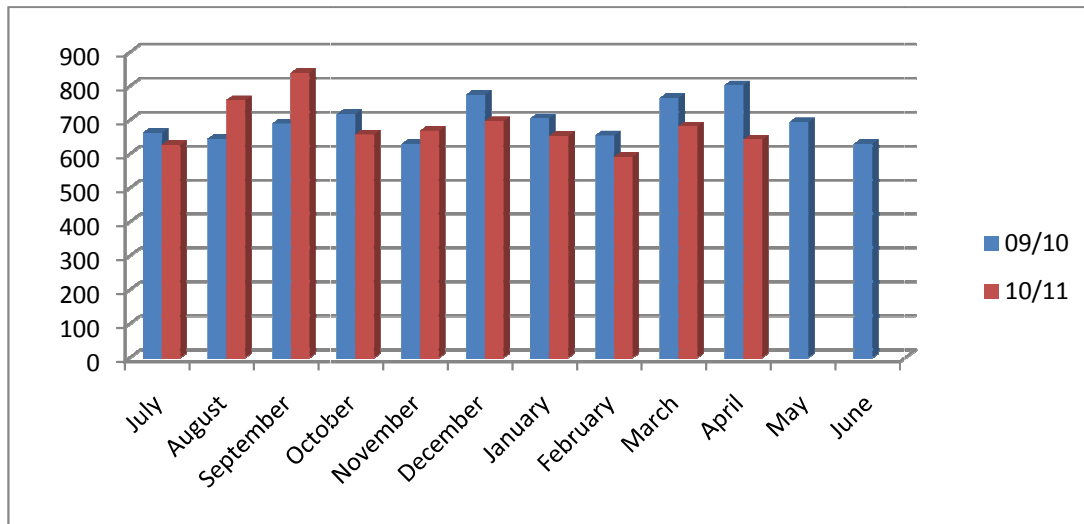
- Re-use shop internal refurbishment and development of outside area
- Installation of CCTV security system
- Design and attach safety walkways to bus ramp
- Installation of site security key system.

- **Residual waste**

Residual waste management at the Ashburton resource recovery park is operating well with average tonnages of 20.75tonne (21 t max) being achieved in April per container load to Kate Valley. 3.7 tonnes of materials were recovered from the residual waste disposal area.

Total diversion for 2009/10 74.59 tonne
 Year to date 2010/11 55.25 tonne

Residual waste transported to Kate Valley (tonnes)



643 tonnes of residual waste was transported to Kate Valley in April.

Budget for transport/disposal contract 2010/11	\$1,367,676	8500 tonnes
Contract costs to April 2011	\$ 930,773	6821 tonnes
Projected cost and tonnages to 30 June 2011	\$1,188,650	8569 tonnes
Total tonnage to Kate Valley 2009/10		8376 tonnes

6.7.2 Waste Minimisation

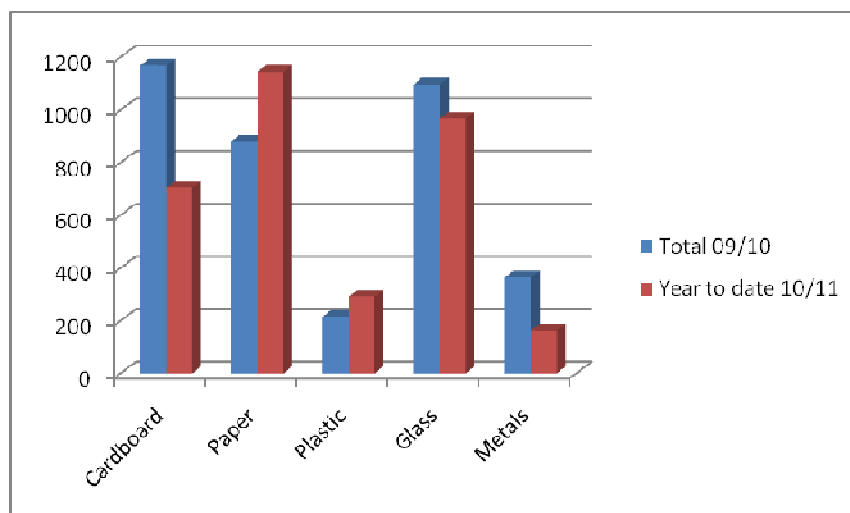
Education

- A classroom session on "litter less lunchboxes and landfill" was conducted at St Josephs school with their Enviro Team consisting of approximately 40 children aged between 8 and 13. The Mid Canterbury Herald also joined the session.
- A site visit is planned with Borough School to look at and discuss the classification of waste and also discuss packaging – what can be recycled and what cannot.
- A member of the public has donated items made exclusively from waste for the purpose of providing examples of uses for re-use items.

Recycling and Waste Minimisation

- The re use shop sold 818 items in April. This is a decrease of 869 from the previous month.
- 64.84 tonnes of greenwaste and 39.36 tonnes of construction and demolition materials were received in April.
- 205.15 tonnes of materials were transported off site for further processing and sale to New Zealand markets. This is a decrease from previous months due to the unavailability of glass containers. The glass is currently stockpiled on site until the containers become available for transport.

Recycling Materials Transported Off Site (tonnes) as at April 2011



Total for 2009/10 3726 tonnes
 Year to date 2010/11 3271 tonnes.

- **Satellite Recyclable Materials Drop Off Facilities**

A total of 28.5 tonnes of material was received from satellite recyclable materials drop off facilities in April.

- **Proposed Satellite Recyclable Materials Drop Off Facility – Staveley**

During deliberations of the 2011/12 Annual Plan submissions Council requested information on the cost to establish a satellite recyclable materials drop off facility for the Staveley community with a view to include funding for the facility in 2011/12. The following are estimated costs:

Capital	\$10,000
Operational	2011/12 \$8,400 (includes initial purchase of bins)
	2012/13 \$7,200

- **Domestic Hazardous Waste Drop Off Facility**

No hazardous waste was received in April.

6.7.3 Rakaia Resource Recovery Park

The maintenance and operations contract is operating satisfactorily.

5.78 tonnes of glass was transported to the Ashburton resource recovery park in April.

8.32 tonne of residual waste was transported to the Ashburton resource recovery park for transport to Kate Valley. This is a reduction of .06 tonne for the same period in the previous year.

The Rakaia Resource Recovery Group have provided the following figures regarding volumes of materials received and processed.

Yearly volumes processed (tonnes)

Paper	63	tonne
Cardboard	42.6	tonne

All paper and cardboard is sold to Mastagard and processed in Christchurch.

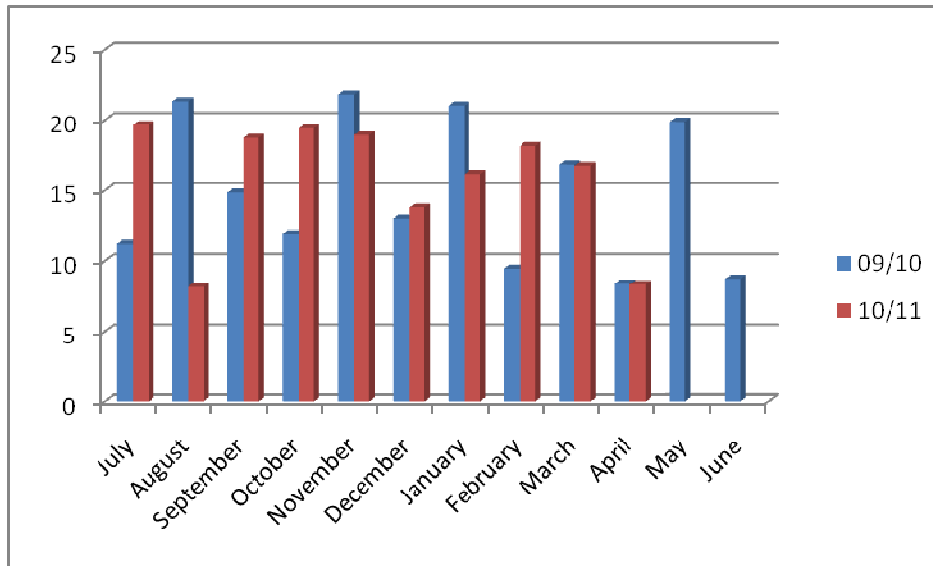
Weekly volumes processed (cubic meters)

Plastic	9.5	All grades
Cans	1.0	Steel and Aluminium

Weekly volumes received (cubic meters)

Green "Wet" bag	2 – 3
Blue "Dry" bag	10 – 15

Rakaia Residual Waste transported to Kate Valley (tonnes)



Total for 2009/10 178 tonnes
 Year to date 2010/11 158 tonnes

6.7.4 Methven Greenwaste and Inorganic drop off facility

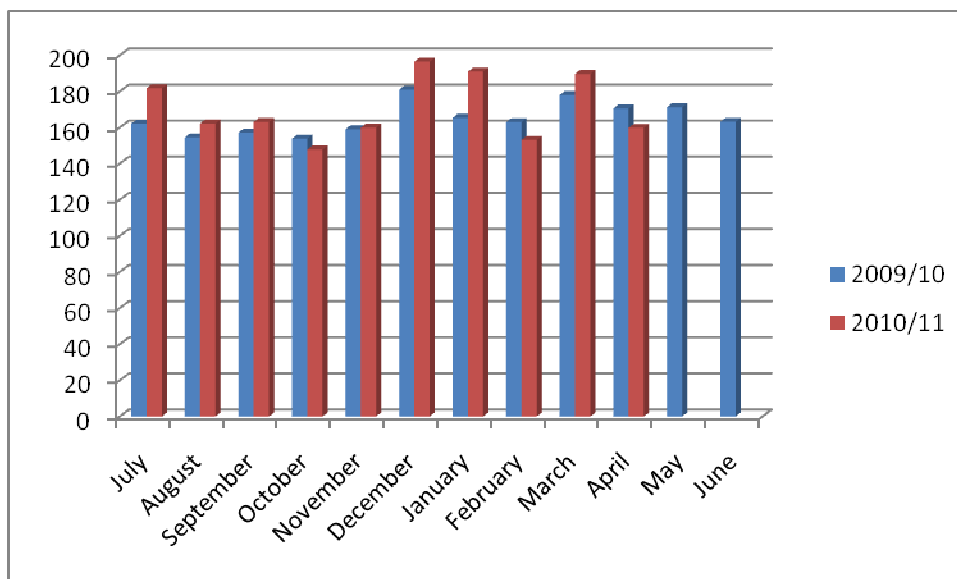
The management and operations contract is operating satisfactorily. A total of 27 vehicles delivered greenwaste in April. For the ten months to April vehicle numbers are down by 21 compared to the same period for the previous year. No Inorganic material was received.

6.7.5 Kerbside Collection

- Residual Waste

Refuse collected at the kerbside has decreased by 11 tonne and recyclable materials by 3 tonne compared to the same period in 2010.

Kerbside Residual Waste Including Litter Bins (tonnes)

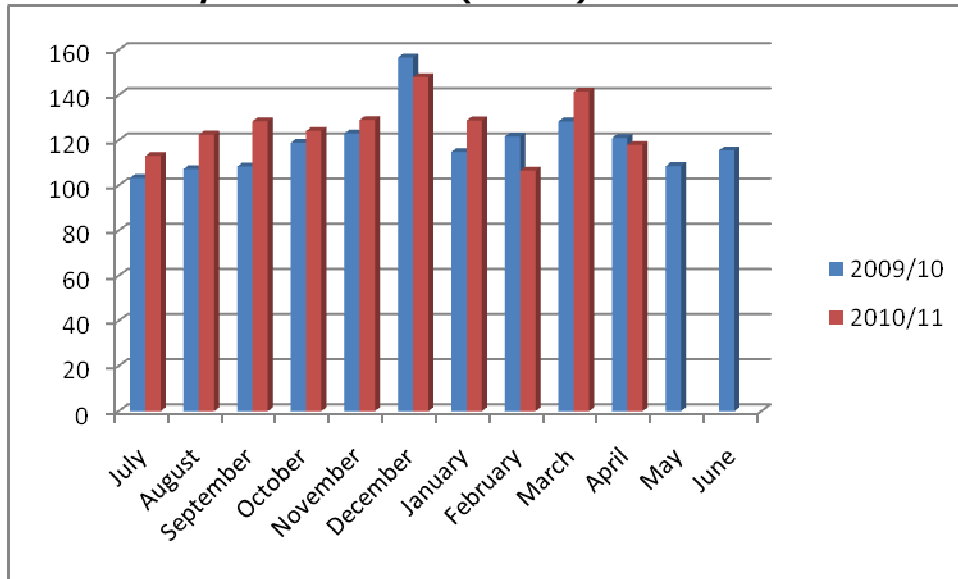


Total for 2009/10 1979 tonnes
 Year to date 2010/11 1704 tonnes

Recyclable Materials

The residual waste % in the kerbside sorted recyclable materials for April was 2.7%. This is slightly above the industry national standard and continues to be closely monitored.

Kerbside Recyclable Materials (tonnes)



Total for 2009/10

1428 tonnes

Year to date 2010/11

1260 tonnes

6.8 Emergency Management

6.8.1 Fire Season Status

An open fire season is in place across the district. The restricted fire season in the hill and high country was lifted on 21 April. The Department of Conservation maintains a 365 day restricted fire season over all state land.

The ECan winter clean air zone burning prohibition around Ashburton is now in place and will remain until 30 September.

6.8.2 Fire Incidents

Six incidents have been attended by rural fire forces from the time of the last Committee meeting and up to 1 June 2011, with a breakdown as follows:

Vehicle fires	1
False alarm	4
Structure fires	1

6.8.3 Wildfire Threat Analysis Biodiversity and Recreation Layers Review

The EMO and Department of Conservation have re-evaluated the biodiversity and recreation layers within the wildfire threat analysis project for the Ashburton district. This project has formed the basis for the recently approved Strategic and Tactical Rural Fire Management Plan for the districts hill and high country.

The Wildfire Threat Analysis project is a systematic method of identifying the level of threat a particular area faces from wildfire. The level of threat is generally related to a combination of ignition potential, potential fire behaviour and the values threatened and within these factors there are many independent layers with numerical values. Biodiversity and recreation are two of these layers.

6.8.4 Rural Fire Hazard Register Review

The EMO has reviewed and updated the rural fire section of the ADC hazard register and it has now been distributed to the fire forces for their input.

6.8.5 Rakaia Gorge Appliance

The ADC took possession of this Isuzu NPS 400 4WD last Friday. Three of the Rakaia Gorge volunteers have been through a two hour induction in its operation and the appliance is now operational, and based at Glenaan Station.

6.8.6 2011/2012 Grant Assistance

The EMO has prepared and forwarded the ADC claim for subsidies from the NRFA for the 2011-2012 FY. These subsidies are funded through insurance levies and made available to rural fire authorities by the National Rural Fire Authority. They cover such items as personal protective equipment, communications equipment, hose and waterway equipment, personal accident insurance premiums, weather station upgrades and calibrations, fire tanker and appliance replacements and new fire stations and/or upgrades.

6.8.7 Christchurch Earthquake Local Response Debrief

This debrief is scheduled for Tuesday 7 June. While a number of meetings have been held since the event on 22 Feb this will be the full debrief for the Ashburton District local response.

6.8.8 Methven Emergency Welfare

The EMO attended the last Methven Community Board meeting at the Board's request to discuss what Civil Defence Emergency Management arrangements are in place for the township. It was explained to them how the local arrangements work and the roles of sector posts and welfare centres within that structure.

A positive note from the February earthquake is the desire of staff from the Heritage Centre, I-Site and Methven Red Cross to be involved in future events and to participate in emergency welfare training to be able to better integrate into current structures and systems.

6.8.9 Sector Post Review

The documentation is now ready to go out for public consultation, however following further consideration it is recommended that the Longbeach sector post, located in the school at Willowby, should also be included on the list. The reasoning behind this is that it is only a few minute's drive from Tinwald and is a very small centre, and is in the same category as the other sector post locations to be reviewed.

The Committee's approval is sought to include this sector post in the review.

6.9 Road Safety

6.9.1 Road Crash Day

The Road Crash Day will be held on 22 June at the Ashburton Trust Events Centre. Both Colleges in the district were invited to take part in the day but only one has accepted. The day is organised by the Ashburton District Road Safety Coordinator and is a community initiative, aimed at raising high school students' awareness of a motor vehicle crash and the consequences that follow. The programme for the day is still being compiled. There is expected to be around 200 students take part in the event.

6.9.2 Truck Stop

A "Truck Stop" is being organised by the Ashburton District Road Safety Coordinator and the Regional Road Safety Coordinator (ECAN) for 9 June 2011. This will take place in Hinds and will provide truck drivers with free coffee, a pastie, and other resources. The aim of the 'Truck Stop' is similar to that of other driver reviver stops. There will be a focus on fatigue and keeping 10 below the speed limit.

6.9.3 Intersection Campaign

An intersection awareness campaign is currently being run in The Courier. Different types of local intersections were photographed and are being published in the paper along with some information on how to use each intersection. A local photographer and the Parks Department of the Council donated their time and equipment for this campaign. There is also a competition each week for someone to win \$20 petrol voucher. This will run for five weeks. The New Zealand Police Intersection Team (Christchurch Based) has been contacted again and it is hoped they will be able to complete the operation that was delayed by the 22 February earthquake.

6.9.4 Migrant Women

The Migrant Women course is set to start on 8 June 2011 with a preliminary meeting on 1 June 2011. The course will run for 16 weeks. This course aims to help Migrant Women receive their New Zealand Drivers Licence. Many Migrant Women are isolated from the community due to location and family commitments. This course enables them to get to know other people in the community; receive their New Zealand licence and help them with their computer skills.

6.9.5 Miscellaneous

Attended a workshop in Kaiapoi run by SafeKids about Driveway Run-over Prevention, spoke to the Methven St John Ambulance Cadets about the role of a Road Safety Coordinator, spoke at the Art Gallery's "Women on Wheels" event during Wheels Week.

6.10 Contracts Awarded

NO.	CONTRACT	CONTRACTOR	DATE / VALUE \$	NO. OF TENDERS / RANGE	ENGINEER'S ESTIMATE
C596	Rural Intersection Sealing, Ashburton District 2010/11	Fulton Hogan Limited	13/5/2011 \$198,266.50	3 \$198,266 to \$239,722	\$196,515.00
C592 (Variation)	Bremners Road Upgrade / Seal Widening / Rehabilitation	Ashburton Contracting Limited	13/5/2011 \$255,571	3 \$255,571.00 To \$272,173	\$194,723

6.11 Customer Service Request Reports

CRM reports for the year to date and the reporting period are attached. **Pages 46-49**

6.12 Methven Community Board

The Methven Community Board met on 30 May 2011. No matters were referred to the Committee for decision.

R ROUSE
Operations Manager

Ashburton District Council Report

FILE NO: 0500-07-07
DATE: 26 May 2011
REPORT TO: Council
FROM: Water Subcommittee
SUBJECT: Unconfirmed Minutes of Water Subcommittee Meeting – 19/5/2011

7 Water Subcommittee

REPORT and **MINUTES** of the **WATER SUBCOMMITTEE** meeting held in Meeting Room 2, on Thursday 19 May 2011, commencing at 9.00 am.

PRESENT: Councillors D Nelson (Chair); A Totty & J Leadley.
In attendance Mayor; Water Services Manager, Senior Stockwater Ranger & Administration Officer (minutes).

APOLOGIES: Councillors S Wilson and R Kilworth (lateness), N Brown & P Reveley (absence).

Confirmation of Minutes – 11/3/2011

That the minutes of the Water Subcommittee meeting held on Friday, 11 March 2011, be taken as read and confirmed.

McKay/Leadley

Carried

Matters Arising

Mayfield Water Supply

Successful meeting held in Mayfield last night. Operations Manager to confirm ownership of land on Murdoch Place. Mayor A McKay congratulated all who have been involved on a successful outcome and making good progress with community.

Stockwater Race Closure – Application Number 110405 (100% Support)

As this race has full support of all affected parties and Cr Leadley knows the area and races well, all were in support of this closure.

That the subcommittee supports the closure of the stockwater race from PN 2421 – RS 38423 SEC 1 to a junction on PN 20426 – Lot 2 3 368737 – a total distance of 9.3 kilometres, effective from 3 June 2011."

Leadley/Totty

Carried

Stockwater Race Closure – SK-BK Crows Road

Water Services Manager explained how this race closure fits in with the new policy and Council can now make the decision without having to go through the Special Consultation Process. Senior Water Ranger explained background usage and property owners needs. Noted that the prices for an alternative were in the report and as the policy is in place, should be using it.

Question regarding filling in road reserve road crossings and explained that this had been happening for the last 18 months or so, as an outcome from a previous Water Subcommittee meeting.

Cr Kilworth arrived 9.15 am.

Concerns over stormwater issues after race is closed but this is covered in the letter sent to property owners once the decision is made and then it is up to them if they choose to use the area for stormwater disposal or not.

That the subcommittee supports the closure of the stockwater race from a junction on PN 4676 – Lot 1 DP 44858 to where it discharges into an Environment Canterbury drain on PN 4629 – Pt Lot 1 DP 2687 – a total distance of 1.5 kilometres, effective from 26 August 2011.”

Leadley/Totty

Carried

Rakaia Barrhill Race Closure – Working Group Update

Copy of letter distributed, sent out to affected property owners, explaining about the working group and asking for nominations for representatives, two from the upper area and two from the lower area of the race. Nominations close on Monday.

Cr Nelson suggested that meetings may need to be held in Rakaia area and in the evenings but will depend on who the representatives are.

Council have also received an application to re-investigate closure of this race and this process is running 'side by side' with the working group.

55 surveys sent out, with 46 returned to date. More in opposition than support.

A letter requesting stockwater races be cleaned was sent to residents in the Rakaia Settlement area.

Cr Wilson arrived 9.20 am.

A meeting is being planned by a local property owner for early June with all affected parties attending and they are hoping Councillors will attend. No further details available.

General

Trustpower

Trustpower are to hold public meetings in relation to proposals at the Coleridge power station. Cr Kilworth noted that if Councillors were unable to attend, Council staff should be present.

Acton

Amendment to the Rakaia River Water Conservation Order. The Minister has requested that the matter be consulted through the Ashburton Water Zone Committee.

The meeting concluded at 9.25 am.